

SAFETY DATA SHEETS

Chromium Fixed RNA Profiling Reagent Kits

**Chromium Next GEM Single Cell Fixed RNA
Human Transcriptome Probe Kit, 64 rxns PN-1000456**

REAGENTS	PN
Enhancer	2000482
Human WTA Probes BC001	2000495
Human WTA Probes BC002	2000496
Human WTA Probes BC003	2000497
Human WTA Probes BC004	2000498
Human WTA Probes BC005	2000499
Human WTA Probes BC006	2000500
Human WTA Probes BC007	2000501
Human WTA Probes BC008	2000502
Human WTA Probes BC009	2000503
Human WTA Probes BC010	2000504
Human WTA Probes BC011	2000505
Human WTA Probes BC012	2000506
Human WTA Probes BC013	2000507
Human WTA Probes BC014	2000508
Human WTA Probes BC015	2000509
Human WTA Probes BC016	2000510

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 11/18/2021

Reviewed on 11/18/2021

1 Identification

- **Product Identifier**
- **Trade Name: Enhancer**
- **Product Number:** 2000482
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** No further relevant information available.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588 USA
1 925 401 7300
<https://www.10xgenomics.com/>
- **Emergency telephone number:** 1 925 401 7300

2 Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.
- **Label elements:**
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**
This value refers to knowledge of known, established toxicological or ecotoxicological values.
0 % of the mixture consists of component(s) of unknown toxicity.
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Physical Hazard = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Chemical characterization: Substance**
- **Description:** Mixture: consisting of non-regulated material.
- **Dangerous Components:** Non-Regulated Material

4 First-Aid Measures

- **Description of first aid measures**
- **General information:** If symptoms persist, call a physician.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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Trade Name: Enhancer

- **After skin contact:**
Generally, the product does not irritate the skin.
If skin irritation occurs, consult a doctor.
- **After eye contact:**
If eye irritation occurs, consult a doctor.
Rinse opened eye for several minutes under running water.
- **After swallowing:** If swallowed and symptoms occur, consult a doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

· PAC-1: None of the ingredients are listed.
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· PAC-2: None of the ingredients are listed.
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· PAC-3: None of the ingredients are listed.
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7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

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Reviewed on 11/18/2021

Trade Name: Enhancer

- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Goggles recommended during refilling.

- **Limitation and supervision of exposure into the environment:** None

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Liquid
 - **Color:** Clear
- **Odor:** Odorless
- **Odor threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.

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Trade Name: Enhancer

- **Vapor pressure:** Not determined.
- **Density @ 20 °C (68 °F):** 1.041 g/cm³ (8.6871 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
- **Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.
- **Solvent content:**
- **VOC content:** 0.00 %
0.0 g/l / 0.00 lb/gal
- **Solids content:** 0.0 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No data available.
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.

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Reviewed on 11/18/2021

Trade Name: Enhancer

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**
Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
No further relevant information available.
- **SARA (Superfund Amendments and Reauthorization):**

· Section 355 (extremely hazardous substances):
None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):
None of the ingredients are listed.

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Trade Name: Enhancer

<ul style="list-style-type: none"> · Hazardous Air Pollutants
None of the ingredients are listed.
<ul style="list-style-type: none"> · California Proposition 65:
<ul style="list-style-type: none"> · Chemicals known to cause cancer:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
<ul style="list-style-type: none"> · New Jersey Right-to-Know List:
None of the ingredients are listed.
<ul style="list-style-type: none"> · New Jersey Special Hazardous Substance List:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Pennsylvania Right-to-Know List:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Pennsylvania Special Hazardous Substance List:
None of the ingredients are listed.
<ul style="list-style-type: none"> · Carcinogenic categories:
<ul style="list-style-type: none"> · EPA (Environmental Protection Agency):
None of the ingredients are listed.
<ul style="list-style-type: none"> · TLV (Threshold Limit Value established by ACGIH):
None of the ingredients are listed.
<ul style="list-style-type: none"> · NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients are listed.
<ul style="list-style-type: none"> · GHS label elements Non-Regulated Material · Hazard pictograms: Non-Regulated Material · Signal word: Non-Regulated Material · Hazard statements: Non-Regulated Material
<ul style="list-style-type: none"> · National regulations:
The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.
<ul style="list-style-type: none"> · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Contact:**
- **Date of last revision/ revision number:** 11/18/2021 / -

· **Abbreviations and acronyms:**
 ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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Issue date 11/18/2021

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Trade Name: *Enhancer*

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

*** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 12/10/2021

Reviewed on 12/10/2021

* 1 Identification

· **Product Identifier**

· **Trade Name:** *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

· **Product Number:**

2000089
2000096
2000097
2000289
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2000453
2000454
2000457
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2000456
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· **Relevant identified uses of the substance or mixture and uses advised against:**

· **Product Description:** No further relevant information available.

· **Details of the Supplier of the Safety Data Sheet:**

· **Manufacturer/Supplier:**

10x Genomics
6230 Stoneridge Mall Road
Pleasanton, CA 94588 USA
1 925 401 7300
<https://www.10xgenomics.com/>

· **Emergency telephone number:** 1 925 401 7300

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 12/10/2021

Reviewed on 12/10/2021

2 Hazard(s) Identification

· **Classification of the substance or mixture:**

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.

Trade Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

· **Label elements:**

· **Hazard pictograms:** Non-Regulated Material

· **Signal word:** Non-Regulated Material

· **Hazard statements:** Non-Regulated Material

· **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

0 % of the mixture consists of component(s) of unknown toxicity.

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**



· **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

· **Chemical characterization: Substance**

· **Description:** Non-Regulated Material

· **Dangerous Components:** Non-Regulated Material

4 First-Aid Measures

· **Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:**

In case of unconsciousness place patient stably in the side position for transportation.

Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Wash with soap and water.

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OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 12/10/2021 Trade

Reviewed on 12/10/2021

Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

If skin irritation occurs, consult a doctor.

· **After eye contact:**

If eye irritation occurs, consult a doctor.

Rinse opened eye for several minutes under running water.

· **After swallowing:**

Do not induce vomiting without medical advice.

If swallowed and symptoms occur, consult a doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5 Fire-Fighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Advice for firefighters**

· **Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin, eyes and clothing.

· **Environmental precautions:** Dilute with plenty of water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

· **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

(Contd. on page 4)

Safety Data Sheet (SDS)

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Trade Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

· **PAC-1:**

None of the ingredients are listed.

· **PAC-2:**

None of the ingredients are listed.

· **PAC-3:**

None of the ingredients are listed.

7 Handling and Storage

· **Handling**

· **Precautions for safe handling:** Avoid breathing fume/gas/mist/vapors/spray.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Storage**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

· **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters:**

· **Components with occupational exposure limits:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls:**

· **Personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** Not required.

· **Protection of hands:** Not required.

· **Material of gloves:** Not applicable.

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Safety Data Sheet (SDS)

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Issue date 12/10/2021

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Trade Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Safety glasses

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Liquid
 - **Color:** Clear, colorless
- **Odor:** Odorless
- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapor pressure:** Not determined.
- **Density @ 20 °C (68 °F):** \ g/cm³
- **Relative density:** Not determined.

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

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Trade Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - Water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **Solvent content:**
 - VOC content:** 0.00 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong acids, strong bases
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No data available.
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations.

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 12/10/2021

Reviewed on 12/10/2021

Trade Name: *cDNA Primers, Feature cDNA Primers 1, Feature cDNA Primers 2, Feature cDNA Primers 3, Second Strand Primer, Dual Index Plate TS Set A, Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS Human WT Probes - RHS, Human WT Probes - LHS, Mouse WT Probes - RHS, Mouse WT Probes - LHS, TS Primer Mix A, Pre-Amp Primers B, Feature Pre-Amp Primers, Human WTA Probes BC001, Human WTA Probes BC002, Human WTA Probes BC003, Human WTA Probes BC004, Human WTA Probes BC005, Human WTA Probes BC006, Human WTA Probes BC007, Human WTA Probes BC008, Human WTA Probes BC009, Human WTA Probes BC010, Human WTA Probes BC011, Human WTA Probes BC012, Human WTA Probes BC013, Human WTA Probes BC014, Human WTA Probes BC015, Human WTA Probes BC016*

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

12 Ecological Information

· **Toxicity:**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment:**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

· **Waste treatment methods**

· **Recommendation:**

Smaller quantities can be disposed of with household waste.
Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packaging**

- **Recommendation:** Disposal must be made according to official regulations.

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<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
<ul style="list-style-type: none"> · Chemicals known to cause developmental toxicity: None of the ingredients are listed.
<ul style="list-style-type: none"> · New Jersey Right-to-Know List: None of the ingredients are listed.
<ul style="list-style-type: none"> · New Jersey Special Hazardous Substance List: None of the ingredients are listed.
<ul style="list-style-type: none"> · Pennsylvania Right-to-Know List: None of the ingredients are listed.
<ul style="list-style-type: none"> · Pennsylvania Special Hazardous Substance List: None of the ingredients are listed.
<ul style="list-style-type: none"> · Carcinogenic categories:
<ul style="list-style-type: none"> · EPA (Environmental Protection Agency): None of the ingredients are listed.
<ul style="list-style-type: none"> · TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.
<ul style="list-style-type: none"> · NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.
<ul style="list-style-type: none"> · GHS label elements Non-Regulated Material · Hazard pictograms: Non-Regulated Material · Signal word: Non-Regulated Material · Hazard statements: Non-Regulated Material
<ul style="list-style-type: none"> · National regulations: The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.
<ul style="list-style-type: none"> · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not

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establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Contact:**

· **Date of last revision/ revision number:** 12/10/2021 / 2

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

· *** Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106