

Material Safety Data Sheet  
Version No.: 1.0(Revision 2020-06-26)  
**Single gene qPCR primer set**

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## 1. Chemical Product and Company Identification

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### Company Name & Address

Bioneer Corporation  
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Daedeok-gu, Daejeon 306-220  
Korea  
Tel.: +82-42-930-8508  
Fax: +82-42-930-8600

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## 2. Hazards Identification

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### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### Label elements

The Product does not need to be labeled in accordance with EC directives or respective national laws.

**Other hazards** - none

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## 3. Composition/Information on Ingredients

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### Composition

Oligonucleotides do not contain any animal products.

### Description

Oligonucleotides in dry format.

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## 4. First-Aid Measures

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### After skin contact

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing.

### After eye contact

Rinse opened eyes for several minutes under running water. Get medical attention if eyes become irritating.

### After swallowing (ingestion)

Rinse mouth. Drink plenty of water. Get medical attention if irritating or symptoms occur.

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## 5. Fire-Fighting Measures

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### Fire and explosion hazards

Gives off irritating or toxic fumes in a fire

### Suitable extinguishing media

Water spray, carbon dioxide, extinguishing powder or foam

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**Protective equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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## 6. Accidental Release Measures

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**Personal precautions**

Use proper personal protective equipment as indicated in Section 8.

**Environmental precautions**

Do not allow entering sewers, surfaces or ground water.

**Measures for cleaning/collecting**

Sweep up or absorb material, then place it into container for disposal. Wash spill site after material pickup is complete

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## 7. Handling and Storage

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**Handling**

No special measures necessary. Good laboratory technique should be used when handling.

**Storage**

No special measures necessary. Store at -20

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## 8. Exposure Controls and Personal Protection

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**Exposure limits**

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

**Eye protection**

Safety goggles (glasses).

**Skin protection**

Protective gloves, a lab coat.

**Hygiene measures**

Keep away from foodstuffs and beverages.

Avoid contact with the eyes and skin. Do not eat, drink or smoke while working with products.

**Breathing equipment**

Not required.

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## 9. Physical and Chemical Properties

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Appearance	Flash point
Powder	No data available
Color	Explosive properties
White	No data available
Odor	Vapor pressure
Odorless	No data available
Boiling point	No data available
pH	7.0

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## 10. Stability and Reactivity

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**Stability**

Stable, under normal handling and storage conditions

**Decomposition**

No data available.

**Conditions to avoid**

Contact with strong oxidants, fire.

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## 11. Toxicological Information

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The toxicological properties of those materials have not been fully investigated.

Irritating to eyes.

Irritating to skin.

Harmful if swallowed.

Preparations may cause allergic reactions in certain sensitive individuals.

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## 12. Ecological Information

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No data available.

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## 13. Disposal Consideration

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Burn the material in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal state and local environmental regulations.

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## 14. Transport Information

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Not regulated.

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## 15. Regulatory Information

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**R22**

Harmful if swallowed.

**R36**

Irritating to eyes

**R38**

Irritating to skin

**S36/37/39**

Wear suitable protective clothing, gloves and eye/face protection.

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## 16. Other Information

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This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features. BIONEER is not held liable for any damage resulting from handling or from contact with the above product.

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