

# Material Safety Data Sheet



## Section 1. Identification

Document #: KFBMSDS.001\_v2

Effective Date: 10/29/13

This MSDS is applicable to the following products in accordance with OSHA CFR 29 1910.1200 and includes products exempt from requiring MSDS for informational purposes.

Product Type: Recombinant Proteins and Standards

Catalog Numbers: Product numbers starting with code RP. For Example: **RP**0001B-005  
Product numbers ending with code ST. For Example: VS0067E-**ST**

Manufacturer: Kingfisher Biotech, Inc.  
1000 Westgate Drive, Suite 123  
St. Paul, MN 55114  
651-646-0089 (phone)  
651-276-0095 (fax)  
[info@kingfisherbiotech.com](mailto:info@kingfisherbiotech.com) (email)

## Section 2. Composition/Information on Ingredients

Recombinant protein lyophilized in 1X-5X PBS containing 10% Trehalose

## Section 3. Hazards Identification

N/A

## Section 4. First Aid Measures

Eyes and Skin: Flush with large amounts of water for at least 15 minutes. Wash contaminated clothes before reuse. Consult a physician if irritation persists.

Ingestion: Flush mouth with water. Get medical attention. Inhalation: Remove from exposure to fresh air immediately.

## Section 5. Fire Fighting Measures

Extinguishing Media: Foam, CO<sub>2</sub>, Water

Unusual Fire and Explosion Hazards: N/A

## Section 6. Accidental Release Measures

Contain spill and then clean up with copious amount of water. Avoid contact with skin and clothing.

## Section 7. Handling and Storage

Store product at 2-8°C. Store reconstituted product at -20°C or lower.

## Section 8. Exposure Control/Personal Protective Measures

Do not pipette by mouth. Do not eat, drink or smoke in areas where kit reagents or samples are handled. Avoid contact of skin or mucous membranes with kit reagents or specimens. Rubber or

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disposable latex gloves and protective clothing should be worn while handling reagents or specimens. Avoid splashing or generation of aerosols.

## Section 9. Physical and Chemical Properties

Physical State and Appearance: Lyophilized (solid)

Dispersion properties: Not available

Solubility: Soluble in aqueous solutions.

Odor: Odorless

Taste: Not available

Color: Colorless. The color may change with change in pH.

## Section 10. Stability and Reactivity

Stable.

## Section 11. Toxicological Information

Acute effects: May cause skin and eye irritation. May be harmful if absorbed through the skin. May cause irritations to mucous membranes and upper respiratory tract. May be harmful if swallowed.

Chronic effects: Have not been thoroughly investigated.

## Section 12. Ecological information

N/A

## Section 13. Disposal guidelines

Dispose all excess reagents and samples in biohazardous waste. Alternatively excess reagents and samples, as well as empty reagent containers can be autoclaved for at least one hour prior to discarding. Observe all federal, state and local environmental regulations.

## Section 14. Transport information

Product should be transported at room temperature.

## Section 15. Regulatory information and considerations

N/A

## Section 16. Other

The above information is believed to be correct to the best of our current knowledge. Kingfisher Biotech, Inc. does not guarantee this to be all-inclusive and shall not be held liable for any damages resulting from handling of or contact with the above product. All materials and mixtures may present unknown hazards and should be used with caution. See purchase order, packing slip, package insert, website, and invoice for additional terms and conditions of sale.



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