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## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

**GHS product identifier:** Recombinant Protein

**Recommended use:** This recombinant protein has been all well packaged for final use and ready to use in research purpose, not for use in diagnostic.

**Supplier Address**

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### 1. HAZARDS IDENTIFICATION

Classification of substance or mixture: Not a hazardous substance or mixture. .

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater.

### 3. FIRST AID MEASURES

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Inhalation** Move to fresh air.

**Ingestion** Clean mouth with water. Drink plenty of water.

**Notes to physician** Treat symptomatically.

#### 4. FIRE-FIGHTING MEASURES

<b>Flammable properties</b>	Not flammable.
<b>Flash point</b>	Not determined.
<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment .
<b><u>Explosion Data</u></b>	
<b>Sensitivity to Mechanical</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (Approved or equivalent) and full protective gear.

#### 5. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	
<b>Environmental precautions</b>	Try to prevent the material from entering drains or water courses.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

#### 6. HANDLING AND STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.

#### 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits.
<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).  Showers Eyewash stations

<b>Engineering measures</b>	Ventilation systems
<b><u>Personal protective equipment</u></b>	
<b>Eye/face protection</b>	No special protective equipment required
<b>Skin and body protection</b>	No special protective equipment required
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 8. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	No information available.	<b>Odor</b>	No information available.
<b>Odor Threshold</b>	No information available.	<b>Physical State @20°C</b>	No information available.
<b>pH</b>	No information available.		
<b>Flash point</b>	No information available.	<b>Autoignition temperature</b>	No information available.
<b>Decomposition temperature</b>	No information available.	<b>Boiling point/boiling range</b>	No information available.
<b>Melting point/range</b>	No information available.		
		<b>Flammability in Air</b>	<b>Limits</b> No information available.
<b>Explosion limits</b>	No information available.		
<b>Specific Gravity</b>	no data available	<b>Solubility</b>	No information available.
<b>Evaporation rate</b>	No information available.	<b>Vapor density</b>	no data available 无数据
<b>VOC Content(%)</b>	not applicable		

## 9. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Incompatible products</b>	None known based on information supplied.
<b>Conditions to avoid</b>	None known based on information supplied.

**Hazardous decomposition products** None known based on information supplied.

**Hazardous polymerization**      Hazardous polymerization does not occur.

## **10. TOXICOLOGICAL INFORMATION**

**Product Information**      Product does not present an acute toxicity hazard based on known or supplied information.

## **11. ECOLOGICAL INFORMATION**

The environmental impact of this product has not been fully investigated.

## **12. DISPOSAL CONSIDERATION**

### **Waste Disposal:**

This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste.

## **13. TRANSPORT INFORMATION**

**IATA**      Not dangerous goods

**CNAS**      Not dangerous goods

## **14. OTHER INFORMATION**

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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**The End 终止线**

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