

SAFETY DATA SHEET

PART I

PRODUCT IDENTITY

Recombinant Protein

COMPANY IDENTITY

ABclonal Biotechnology Co.,Ltd

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Company tel: +86-27-65520052

Emergency tel: +86-27-65520052

PART II

COMPOSITION/INFORMATION ON INGREDIENTS:

See instructions for details. This product does not contain any hazardous substances at concentrations of 1% or greater.

PART III

HAZARDOUS INGREDIENTS:

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

PART IV

FIRST AID MEASURES:

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.

In case of skin contact:

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

PART V

FIRE FIGHTING MEASURES:

Suitable extinguishing media: Water Spray, Carbon Dioxide, Dry Chemical Powder or appropriate foam.

PART VI

ACCIDENTAL RELEASE MEASURES:

Wear appropriate protective clothing and gloves. Mop up with an absorbent cloth and arrange for removal by a disposal company. Wash the site of spillage thoroughly with water and detergent.

PART VII

HANDLING AND STORAGE:

Precautions for safe handling

Use only in area provided with exhaust ventilation. Wear a lab coat and gloves. Avoid inhalation, contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed, and in a dry and well-ventilated area. Store at $\leq -20^{\circ}\text{C} \sim -80^{\circ}\text{C}$. Containers which are opened must be carefully resealed.

PART VIII

EXPOSURE CONTROLS/PERSONAL PROTECTION:

Appropriate engineering controls

Use in a fume hood where applicable. Ensure all engineering measures described under PART VII of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

Personal protection

- Eye protection:** Laboratory safety goggles.
- Hands:** Chemical resistant gloves.
- Skin:** Laboratory protective clothing.
- Respiratory:** Fume hood or in areas with adequate ventilations.

PART IX

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Lyophilized powder or Liquid.
Odor:	Not available
Odor threshold:	Not available
pH:	Not available
Melting/freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper/lower flammability or explosive limits:	Not available
Vapor pressure:	Not available
Relative density:	Not available
Water solubility:	Soluble
Solubility in other solvents:	Not available
Partition coefficient:	Not available
Autoignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

PART X

CHEMICAL STABILITY AND REACTIVITY:

Reactivity: No information available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid: Heat and moisture.

Incompatibility materials: Acids, bases, oxidizing agents, reducing agents, alkali metals.

Hazardous decomposition: No information available.

PART XI

TOXICOLOGICAL INFORMATION:

Acute toxicity:

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause irritation of mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Long term effects:

Carcinogenic effects: No information available

Mutagenic effects: No information available

Reproduction toxicity: No information available

Teratogenic effects: No information available

PART XII

ECOLOGICAL INFORMATION:

No information available

PART XIII

DISPOSAL CONSIDERATIONS:

In accordance with local and national regulations.

PART XIV

TRANSPORT INFORMATION:

Not classified as dangerous according to the criteria of DOT, IMDG, IATA-DGR.

UN number: Does not meet the criteria for classification as hazardous for transport.

Class: Does not meet the criteria for classification as hazardous for transport.

Packing group: Does not meet the criteria for classification as hazardous for transport.

Environmental hazards: Does not meet the criteria for classification as hazardous for transport.

PART XV

REGULATORY INFORMATION:

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

Safety, health and environmental regulations

TSCA: Not applicable.

SARA 313: Not applicable.

SARA 311/312: Not applicable.

CERCLA Reportable Quantity: Not applicable.

California Proposition 65: Not applicable.

Hazardous Chemicals List (Rev. 2015): Not on the list.

List of precursor chemicals (Rev. 2015): Not on the list.

List of hazardous chemicals liable to produce explosions (Rev. 2017): Not on the list.

PART XVI

OTHER INFORMATION:

SDS Last revision Date: April 29, 2024

Disclaimer: Not for Human use.

Further Information:

The above information is believed to be correct but only used as a guide for experienced personnel. ABclonal Technology shall not be liable for any damage resulting from the handling or from contact with above product.

End of Safety Data Sheet