SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), and GHS Rev.10 (2023)

Revision date: August 7, 2025

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Product Name: Recombinant Human Intelectin-1/Omentin Protein
Catalogue Number: NBP1-72371
REACH Registration Number: Not applicable (research-use only)

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory reagent for research use only. Not for diagnostic or therapeutic use.
Uses advised against: Any use not consistent with intended research purpose.

1.3 Details of the supplier of the safety data sheet
Company: Novus Biologicals, LLC
Address: 10771 E Easter Ave Centennial, CO 80112, USA
Fax: 303-730-1966
Email: technical@novusbio.com

1.4 Emergency telephone number
Emergency number: 1-888-506-6887

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture
This product is not classified as hazardous according to Regulation (EC) No. 1272/2008 and UN GHS Rev.10 (2023).

2.2 Label elements
No labeling required.

2.3 Other hazards
The mixture does not contain any components considered to be PBT or vPvB at ≥0.1%. The product is used in microgram quantities for in vitro research use only.

SECTION 3. Composition/information on ingredients

3.1 Substances: Not applicable

3.2 Mixtures:

- Component: Recombinant Human Intelectin-1/Omentin Protein
  Concentration: <1% (in buffered aqueous solution)

SECTION 4. First aid measures

4.1 Description of first aid measures

- General advice: No special measures required. Low hazard under normal conditions of use.
- Inhalation: Move person to fresh air. Seek medical attention if symptoms persist.
- Skin contact: Wash with water and soap.
- Eye contact: Rinse with plenty of water for at least 15 minutes.
- Ingestion: Rinse mouth with water. Seek medical attention if large amounts are ingested.

4.2 Most important symptoms and effects, both acute and delayed
No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed
No specific treatment required.

SECTION 5. Firefighting measures

5.1 Extinguishing media
Suitable: Water spray, alcohol-resistant foam, dry chemical, CO2
Unsuitable: None known

5.2 Special hazards arising from the substance or mixture
Non-combustible. In case of fire, decomposition products may include carbon oxides and nitrogen oxides.

5.3 Advice for firefighters
Wear self-contained breathing apparatus and protective clothing.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes. Ensure adequate ventilation.

6.2 Environmental precautions
Prevent entry into drains and waterways.

6.3 Methods and materials for containment and cleaning up
Wipe with absorbent material and clean area with water.

6.4 Reference to other sections
See Section 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling
Use standard laboratory practices. Avoid contact with skin, eyes, and clothing.

7.2 Conditions for safe storage, including any incompatibilities
Store at recommended temperature. Keep container tightly closed.

7.3 Specific end use(s)
For research use only.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters
No occupational exposure limits established.

8.2 Exposure controls
Appropriate engineering controls: Use in a ventilated area. Personal protective equipment:

- Eye protection: Safety glasses
- Skin protection: Lab coat, gloves
- Respiratory protection: Not required under normal use

SECTION 9. Physical and chemical properties

- Appearance: Colorless to slightly opalescent liquid
- Odor: Odorless
- pH: ~7 (estimated)
- Boiling/Melting Point, Flash Point, Vapor Pressure: Not applicable due to aqueous protein solution
- Solubility: Water soluble
- Flammability: Non-flammable

SECTION 10. Stability and reactivity

10.1 Reactivity: Stable under recommended storage conditions
10.2 Chemical stability: Stable
10.3 Possibility of hazardous reactions: None known
10.4 Conditions to avoid: Avoid high temperatures
10.5 Incompatible materials: Strong oxidizing agents
10.6 Hazardous decomposition products: Carbon oxides, nitrogen oxides

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SECTION 11. Toxicological information

No data available. However, based on the structure and use at microgram levels in laboratory conditions, this product is not expected to pose a toxicological risk. No animal testing was performed.

SECTION 12. Ecological information

12.1 Toxicity: No data available
12.2 Persistence and degradability: Expected to be biodegradable
12.3 Bioaccumulative potential: Not expected to bioaccumulate
12.4 Mobility in soil: No data available
12.5 PBT/vPvB assessment: Not applicable
12.6 Other adverse effects: None known

SECTION 13. Disposal considerations

Dispose of in accordance with local, regional, and national regulations. Use a licensed chemical waste disposal contractor.

SECTION 14. Transport information

Not classified as dangerous goods under ADR, IMDG, or IATA.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
This SDS complies with REACH Regulation (EC) No. 1907/2006, CLP Regulation (EC) No. 1272/2008, and GHS Rev.10 (2023).

15.2 Chemical safety assessment: Not required

SECTION 16. Other information

This SDS was prepared using available information and best practices for non-hazardous laboratory-use reagents. The information provided is believed to be accurate but is not guaranteed. Use with caution and in accordance with good laboratory practices.