SAFETY DATA SHEET

Section 1: Identification

Product Identifier: All Recombinant Proteins with #RPES symbols
Relevant Identified Uses of Substance or Mixture and Uses Advised Against:
Recommended Use: For Research Use Only
Uses Advised against: No information

Company:
Assay Genie
25 Windsor Place
D02VY42
Dublin 2
Ireland
+353 (01) 8879802

For information about this SDS, please contact: techsupport@assaygenie.com

Section 2: Hazard(s) Identification

2.1. Hazard Classification
According to GHS

- **Physical hazards:** Not Hazardous
- **Health hazards:** Not Hazardous
- **Environmental hazards:** Not Hazardous

Section 3: Composition/ Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: First-Aid Measures

4.1. General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

4.2. Skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

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

4.4. Inhalation
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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

Section 5: Fire-Fighting Measures

5.1. Suitable extinguishing agents
Water spray, alcohol-resistant foam, dry chemical, carbon dioxide or appropriate foam. For small fires, use media such as "alcohol" foam, dry chemical or carbon dioxide. For large fires, apply water from as far as possible. Use large quantities of water applied as a mist or spray. Solid streams of water may be ineffective. Cool affected containers with flooding quantities of water.

5.2. Special precautions for fire-fighters
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and Eyes

5.3. Special hazards arising from the substance or mixture
Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas.

Section 6: Accidental Release Measures

6.1. Precautions for safe handling
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2. Measures for environmental protection
Prevent further leakage or spillage if safe to do so. Do not let enter drains. Discharge into the environment must be avoided.

6.3. Measures for cleaning/collecting
Contain spillage, and then collect with non-combustible absorbent material (eg. sand, diatomaceous earth, vermiculite). Place in a container for disposal according to local regulations. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

7.1. Advice Handling
Wear appropriate protective clothing and safety gloves.
Avoid inhalation.
Avoid contact with eyes, skin and clothing.
Mechanical exhaust required.
Keep away from ignition sources, heat and flame.
No smoking at working site.

Incompatibilities: Strong oxidizing agents, Strong acids. Handling and unloading should be light, to prevent packaging broken, damp and cause losses.
Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

7.2. Storage conditions
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Keep away from heat, sparks and flame.
Keep away from sources of ignition.
Incompatible: Strong oxidizing agents, Strong acids.
Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Section 8: Exposure Controls/Personal Protection

8.1. Appropriate engineering controls
Mechanical exhaust required. Safety shower and eye bath.

8.2. Breathing equipment
Government approved respirator if needed.

8.3. Protection of hands/skin
Protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

8.4. Eye protection
Laboratory safety goggles.

8.5. Body protection
Wear suitable protective clothing according to the concentration and amount of the substance at the Workplace.

8.6. Other Protect
No smoking, drinking and eating at working site. Wash thoroughly after handling.

Section 9: Physical and Chemical Properties

9.1. Information about the physical and chemical properties of the product

- **Appearance:** Not available
- **Odor:** Not available
- **Odor threshold:** Not available
- **pH:** Not available
- **Melting point/melting range:** Not available
- **Boiling point/boiling range:** Not available
- **Flash point:** Not available

- **Evaporation rate:** Not available
- **Flammability:** Not available
- **Upper/lower flammability or explosive limits:** Not available
- **Auto ignition temperature:** Not available
- **Danger of explosion:** Not available
- **Vapor pressure:** Not available
- **Vapor density:** Not available
- **Relative density:** Not available
- **Solubility in/Miscibility with water:** Not available

Section 10: Stability and Reactivity

10.1. Information about the stability and reactivity

- **Reactivity:** No information available.
- **Chemical stability**: Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No data available.
- **Conditions to avoid:** Heat, flames and sparks.
- **Incompatible materials:** Strong oxidizing agent, Light sensitive, Alcohols, Organic materials, Heavy metals, Powdered metals, Strong reducing agents, Amines, Mercaptans
- **Hazardous decomposition products:** No data available Hazardous decomposition. products formed under fire conditions: Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas.

Section 11: Toxicological Information

11.1. Acute toxicity:

There is no evidence available indicating acute toxicity.

Section 12: Ecological Information

12.1. Ecotoxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available.

Section 13: Disposal Considerations

13.1. Disposal methods
Dispose of waste in accordance to applicable national, regional, or local regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

13.2. Contaminated packaging
Dispose in the same manner as unused product.

Section 14: Transport Information

- **RID/ADR:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.
- **IATA:** Non-Hazardous for Air Transport.
- **IMO:** Non-Hazardous for Sea Transport.

Section 15: Regulatory Information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 and its amendments**.**

Section 16: Other Information

This company shall not be held liable for any damage resulting from handling or from contact with the above product. This material must only be handled by suitably qualified experienced scientists in appropriately equipped and authorized facilities. The above information is believed to be correct but does not purport to be all inclusive and should be used as a guild only for experienced personnel. Always consult your safety advisor and follow appropriate local and national safety legislation. The absence of warning must not, under and circumstance be taken to mean that no hazard exists.

Last reviewed: 07/2025

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.

****End Of MSDS****