

Material Safety Data Sheet (MSDS)

FOR REPLICATION-DEFECTIVE RECOMBINANT LENTIVIRAL VECTORS

SECTION 1: Identification of the product and of the company/undertaking

1.1 Product Identifiers

- **Product Name:** Recombinant Lentiviral Vector

1.2 Recommended Use: Typically used for gene therapy research.

1.3 Manufacturer and Details of the supplier of the safety data sheet

Company : Cellomics Technology, LLC
1450 South Rolling Road
Halethorpe, MD 21227

Tel: 443 297 8130

Fax: 443 927 7874

Website: www.cellomicstech.com

1.4 Emergency telephone

Emergency Phone: 800-586 6038; 24Hours/day, 7 Days/week

Section 2. Hazard Identification

2.1 Classification: Generally, lentiviral vectors are classified as non-hazardous, but following biosafety guidelines is essential.

2.2 Label Elements: Any hazard symbols, signal words, and precautionary statements are included.

Section 3: Composition/Information on Ingredients

- **Components:** Recombinant lentivirus particles.

- **Concentration:** Specific concentrations of viral particles.

Section 4: First-Aid Measures

- **Inhalation:** Move to fresh air and seek medical attention if symptoms occur.
- **Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.
- **Eye Contact:** Rinse thoroughly with water. Seek medical attention if symptoms persist.
- **Ingestion:** Rinse mouth with water. Seek medical attention if symptoms occur.

Section 5: Fire-Fighting Measures

- **Extinguishing Media**
- **Suitable Extinguishing Media**
No limitations on extinguishing agents are given.
- **Unsuitable Extinguishing Media**
No limitations on extinguishing agents are given.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors or aerosols. Evacuate the danger area, observe emergency procedures, and consult an expert.

For personal protection, see section 8.

6.2 Environmental precautions

Do not let the product enter drains before bleaching.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Take up with liquid-absorbent material.

Dispose of it properly. Clean up the affected area.

Section 7: Handling and Storage

- **Handling:** Follow biosafety level 1 or 2 guidelines as appropriate.
- **Storage:** Store at recommended temperatures, usually -80°C for long-term storage.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Use in a biosafety cabinet.
- **Personal Protection:** Gloves, lab coats, and eye/face protection.

Section 9: Physical and Chemical Properties

- **Appearance:** solid ice at temperature lower than 0°C, Clear, liquid after thawed.
- **Odor:** Odorless.
- **pH:** Neutral.
- **Boiling Point:** Not applicable.

Section 10: Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Incompatible Materials:** None known.
- **Hazardous Decomposition Products:** None under normal conditions.

Section 11: Toxicological Information

- **Acute Toxicity:** Generally considered non-toxic.
- **Chronic Effects:** No known chronic effects.

Section 12: Ecological Information

- **Ecotoxicity:** No known significant effects or critical hazards.
- **Persistence and Degradability:** Not applicable.

Section 13: Disposal Considerations

- **Waste Disposal Methods:** Dispose of following local, state, and federal regulations.

Section 14: Transport Information

- **UN Number:** Not regulated.
- **Proper Shipping Name:** Not regulated.

Section 15: Regulatory Information

- **Safety, Health, and Environmental Regulations:** Comply with all applicable regulations.

Section 16: Other Information

- **Date of Preparation:** July 2, 2024.