1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Recombinant human DDAH1 protein with GST tag (rhDDAH1-GST)

Catalog Number: 4001-20UG
4001-50UG
4001-100UG

Contact manufacturer: DAPCEL, Inc.
11000 Cedar Ave., Suite 110
Cleveland, OH 44106-3069
Tel: (216) 215-3325 · info@dapcel.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: No information available.

Ingestion: No information available.

HMIS: Health: 0 Flammability: 0 Reactivity: 0

HMIS Legend

0 - Minimal Hazard

1 - Slight Hazard

2 - Moderate Hazard

3 - Serious Hazard

4 - Severe Hazard

* - Chronic Hazard

4. FIRST AID MEASURES

Skin contact:	Wash off immediately with plenty of water.
Eye contact:	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion:	Rinse mouth with water. Never give anything by mouth to an unconscious person.
Inhalation:	Move to fresh air.
Notes to physician:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire-fighting equipment:	Not applicable - nonflammable material.
Precautions:	Not applicable - nonflammable material.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use eye protection, gloves and a lab coat.
Measures for cleaning:	Soak up with inert absorbent material and dispose of as laboratory waste.

7. HANDLING AND STORAGE

Clean up:	Soak up with inert absorbent material.
Handling:	No special handling advice required beyond the precautions in Section 8.
Storage:	Store at −80 °C in aliquots; avoid repeated freeze-thaw cycles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:	Safety glasses.
Skin:	Wear lightweight protective clothing and gloves.

Inhalation:	Not applicable - not an inhalation hazard.
Engineering controls:	Safety shower and eye bath. Mechanical exhaust required.
Exposure guidelines:	Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form:	Liquid (frozen) - 0.5 mg/mL in 50 mM Tris-HCl pH 8.0, 20 mM reduced glutathione, 1 mM DTT.
pH:	No data available.
Boiling point:	No data available.
Melting point:	No data available.
Solubility:	No data available.
Volatile %:	No data available.
Water content:	No data available.
Decomposition temp.:	No data available.
Viscosity:	No data available.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition:	No information available.
Polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Eyes:	May cause eye irritation.
Skin:	May cause skin irritation.
Inhalation:	May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

IATA: Non-hazardous for air transport.

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313: Not regulated.

U.S. inventory (TSCA): Not listed on inventory.

OSHA Hazard Communication Standard: Non-hazardous.

16. OTHER INFORMATION

Disclaimer: For R&D use only.

Issued: 2026

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