

Safety Data Sheet

Section 1. Product and Company Identification

Product Name	Tissue cDNA, cDNA Panel
Catalog #	Cxxxxxxx
Manufacturer	Biochain Institute, Inc. 39600 Eureka Drive Newark, CA 94560 USA 510.783.8588 or 1.888.762.2568 Email: info@biochain.com
Emergency Phone #	Contact your local hazardous material control center. Call 911 in case of medical emergency.

Section 2. Hazards Identification

GHS Classification

Not Classified

GHS Label elements, including precautionary statements

Pictogram: None

Signal word: None

Hazard statements

N/A

Precautionary statements

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P501	Dispose of contents/ container to an approved waste disposal plant.

Section 3. Composition and Information on Ingredients

Each cDNA is in 1x RT buffer.

1x RT Buffer: 50mM Tris-Cl, pH 8.3, 75mM KCl (CAS No. 7447-40-7), 3mM MgCl₂ (CAS No. 7791-18-6), 10mM DTT (CAS No. 3483-12-3).

Section 4. First Aid Measures

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

Ingestion: Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

Section 5. Fire Fighting Measures

Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Keep unnecessary people away; isolate hazard area and deny entry. Absorb on neutral material. Wash area thoroughly.

Section 7. Handling and Storage

See COA for storage information.

Section 8. Exposure Controls/Personal Protection

Follow standard laboratory safety procedures, including wearing chemical safety goggles, face shield, gloves, NIOSH approved respiratory protection and protective clothing. Wash and dry hands.

Section 9. Physical and Chemical Properties

Appearance: Liquid.

Boiling Point: N/A

Specific Gravit: N/A

Vapor Density & Pressure: N/A

Solubility in H₂O: Soluble

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable under recommended storage conditions.

Incompatibility: N/A

Hazardous Decomposition Products: N/A

Section 11. Toxicological Information

KCl: LC50 – Fish 880 mg/l;

MgCl₂: LD50 Oral – Rat 5000mg/kg;

DTT: LD50 – daphnia 27 ml/l;

Section 12. Ecological Information

No data available

Section 13. Disposal Considerations

Dispose in accordance with local, state or national regulations.

Section 14. Transport Information

DOT (US) - Not dangerous goods.

IMDG - Not dangerous goods.

IATA - Not dangerous goods.

Additional Transport Information: transport in accordance with local, state and national regulations.

Section 15. Regulatory Information

No SARA Hazards

Section 16. Other Information

The information contained in this SDS was obtained from sources we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.