
1. PRODUCT/PREPARATION/COMPANY

Trade name: **HUMAN Endogenous Controls:**
GAPDH, TUBB, PPIA, ACTB,
YWHAZ, RRN18S, B2M, UBC, TBP,
RPLP, GUSB & HPRT1

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Product Number: 33.002, 33.003, 33.004, 33.005, 33.006,
33.007, 33.008, 33.009, 33.010, 33.011,
33.012, 33.013.

Emergency number: please contact Biotoools distributor in your country. Spain only: 91 562 04 20

2. COMPOSITION OF THE PRODUCT/INFORMATION ON INGREDIENTS

Chemical characterisation: liquid. Volume of product package: -

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

3. HAZARDS IDENTIFICATION

Not hazardous according to Directive 67/548/EC.

4. FIRST AID MEASURES

Skin contact

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Eye contact

Rinse opened eyes for at least 15 min with copious amounts of water. Check for and remove any contact lenses. Call a physician.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Rinse mouth with plenty of water. Call a physician. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire and explosion hazards

Non flammable.

Protective equipment

Wear self-contained breathing apparatus and protective clothing for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear protective gloves and safety glasses.

Environmental precautions

Product must not enter ground, sewerage system or water course.

Measures for cleaning/collecting

Keep in suitable, closed containers for disposal. Collect spilled liquid with liquid-binding material or inert absorbent and place it in a container for disposal. Wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling

Always keep the containers tightly closed. Observe good laboratory technique when handling. Normal measures for preventive fire protection.

Storage

Store in the original container, at $-15\pm 8^{\circ}\text{C}$.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Eye protection

Wear safety glasses

Hand protection

Wear protective gloves

Skin protection

Wear labcoat

Hygiene measures

General industrial hygiene practice.

Breathing equipment

Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Brown
Odour: Odorless
Boiling point: no data available.

Flash point: no data available
Explosive properties: no data available
Vapor pressure: no data available
pH: no data available

10. STABILITY AND REACTIVITY

Stability
Stable under recommended storage conditions

Hazardous decomposition products
No data available.

Conditions to avoid
Avoid strong oxidising agents, fire.

11. TOXICOLOGICAL INFORMATION

Potencial Health Effects

Inhalation No data available.
Skin No data available
Eyes No data available
Ingestion No data available

Acute toxicity
Oral: no data available

Chronic exposure
No data available.

Sensitization
Remarks: no data available

12. ECOLOGICAL INFORMATION

Data not yet available

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.
Controlled disposal in waste system. Product disposal (leftovers or residues resulting from normal use) does not pose any serious hazards in the adequate proportion.
The product and packaging should be disposed of in accordance with the instructions of the local authorities.

14. TRANSPORT INFORMATION

RID/ADR
Non-hazardous for road transport

IATA
Non-hazardous for air transport

IMDG
Non-hazardous for sea transport

15. REGULATORY INFORMATION

This substance is not classified as dangerous according to Directive 67/548/EEC.

HUMAN ENDOGENOUS CONTROLS

Indication of Danger	-
R phrases	-
S Phrases	-

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Biotools, B & M Labs, S.A. shall not be held liable for any damage resulting from handling or from contact with the above product.

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