

Recombinant Human TALDO1 Protein Product Manual

1. Product Basic Information

Product No.: REP08396

Protein Name: Transaldolase Glycerone Transferase (TALDO1)

Aliases: TAL; TALH; TAL-TALDOR; transaldolase; transaldolase glycerone transferase; dihydroxyacetone transferase; testicular secretory protein Li 56

UniProt ID: P37837

UniProt Link: <https://www.uniprot.org/uniprotkb/P37837/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (9-337aa)

Molecular Weight: 63.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (9-337aa)

QRMESALDQLKQFTTVVADTGDFHAIDEYK PQDATTNPSLILAAAQMPAYQELVEE
AIAYGRKLGGSQEDQIKNAIDKLFVLFGAEILKKIPGRVSTEVDARLSFDKDAMVARA
RRLIELYKEAGISKDRILIKLSSTWEGIQAGKELEE QHGIHCNMTLLFSFAQAVACAEA
GVTLISPFVGRILDWHVANTDKKSYEPLDPGVKSVTKIYNYYKKFSYKTIVMGASFR
NTGEIKALAGCDFLTISP KLLGELLQDNAKLV PVL SAKAAQASDLEKIHLDEKSFRWL
HNEDQMAVEKLS DGIRKFAADAVKLERMLTERMFNAENGK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human TALDO1 partial protein (9-337aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. TALDO1, also known as TAL or TALH or TAL-TALDOR, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.