



Recombinant Human LDHB Protein Product Manual

1. Product Basic Information

Product No.: REP07335

Protein Name: Ldh Heart Subunit (LDHB)

Aliases: LDH-LDH-LDHBD; TRG-HEL-S-281; LDH heart subunit; L-lactate dehydrogenase B chain; renal carcinoma antigen NY-REN-46; testicular secretory protein Li 25; epididymis secretory protein Li 281

UniProt ID: P07195

UniProt Link: <https://www.uniprot.org/uniprotkb/P07195/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-334aa)

Molecular Weight: 40.5kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-334aa)

ATLKEKLIAPVAEEEEATVPNNKITVVGVGQVGMACAISILGKSLADELALVDVLEDKL
KGEMMDLQHGSFLQTPKIVADKDYSVTANSKIVVVTAGVRQQEGESRLNLVQRNV
NVFKFIIPQIVKYSPDCIIIVVSNPVDILTYVTWKL SGLPKHRVIGSGCNLDSARFRYLM
AEKLG IHPSSCHGWILGEHGDSSVAVWSGVNVAGVSLQELNPEMGTDNDSENWK
EVHKMVVESAYEVIKLG YTNWAIGLSVADLIESMLKNLSRIHPVSTMVKGMYGIEN
EVFLSLPCILNARGLTSVINQKLKDDEVAQLKKSADTLWDIQKDLKDL

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

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 LDHB full length of mature protein protein (2-334aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. LDHB, also known as LDH-LDH-LDHBD or TRG-HEL-S-281 or LDH heart subunit, 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.