



Recombinant Human HEXB Protein Product Manual

1. Product Basic Information

Product No.: REP07105

Protein Name: Epididymis Luminal Protein 248 (HEXB)

Aliases: HCC-ENC-1AS; HEL-248; HEL-S-111; epididymis luminal protein 248; beta-hexosaminidase beta-subunit; beta-hexosaminidase subunit beta; epididymis secretory protein Li 111; hexosaminidase B (beta polypep...

UniProt ID: P07686

UniProt Link: <https://www.uniprot.org/uniprotkb/P07686/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (122-556aa)

Molecular Weight: 57.4 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (122-556aa)

TQVQQLLVSITLQSECDAPNISSDESYTLLVKEPVAVLKANRVWGALRGLETFSQL
VYQDSYGTFTINESTIIDS PRFSHRGILIDTSRHYLPVKIILKTLDAMAFNKFNVLHWHI
VDDQSFPYQSITFPELSNKGSYSLSHVYTPNDVRMVEYARLRGIRVLPEFDTPGHT
LSWGKGQKDLLTPCYSRQNKLD SFGPINPTLNTTYSFLTTFKEISEVFPDQFIHLGG
DEVEFKCWESNPKIQDFMRQKGFDTDFKKLESFYIQKVLDIATINKGSIVWQEVFDD
KAKLAPGTIVEVWKDSAYPEELSRVTASGFPVILSAPWYLDLISYGQDWRKYYKVEP
LDFGGTQKQKQLFIGGEACLWGEYVDATNLT PRLWPRASAVGERLWSSKDVRDM
DDAYDRLTRHRCRMVERGIAAQPLYAGYCNHENM

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 HEXB full length of mature protein protein (122-556aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. HEXB, also known as HCC-ENC-1AS or HEL-248 or HEL-S-111, 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.