



Recombinant Human LHX3 Protein Product Manual

1. Product Basic Information

Product No.: REP07349

Protein Name: Lim/Homeodomain Protein Lhx3 (LHX3)

Aliases: LIM3; CPHD3; M2-LHX3; LIM/homeodomain protein LHX3

UniProt ID: Q9UBR4

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UBR4/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length (1-397aa)

Molecular Weight: 44.9 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-397aa)

MLLETGLERDRARPGAAVCTLGGTREIPLCAGCDQHILDRFILKALDRHWHSKCLK
CSDCHTPLAERCFSRGESVYCKDDFFKRFGTKCAACQLGIPPTQVVRRAQDFVYH
LHCFACVVCKRQLATGDEFYLMEDSRLVCKADYETAKQREAEATAKRPRTTITAKQ
LETLK SAYNTSPKPARHVREQLSSETGLDMRVVQVWFQNRRAKEKRLKKDAGRQR
WGQYFRNMKRSRGGSKSDKDSVQEGQSDAEVSFPDEPSLAEMGPANGLYGSL
GEPTQALGRPSGALGNFSLEHGGLAGPEQYREL R PGSPYGVPPSPAAPQSLPGPQ
PLLSSLVYPDTSLGLVPSGAPGGPPPMRVL AGNGPSSDLSTGSSGGYPDFPASPA
SWLDEV DHAQF

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 LHX3 full length protein (1-397aa) expressed in Yeast. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LHX3, also known as LIM3 or CPHD3 or M2-LHX3, 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.