



Recombinant Mouse LIMA1 Protein Product Manual

1. Product Basic Information

Product No.: REP07355

Protein Name: Sterol Regulatory Element Binding Protein 3 (LIMA1)

Aliases: EPLIN; LDLCQ8; SREBP3; sterol regulatory element binding protein 3

UniProt ID: Q9UHB6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UHB6/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-753aa)

Molecular Weight: 91.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-753aa)

MESTPFNRRQWTSLSLRVTAKELESLVNKNKSSAIVEIFSKYQKAAEEANMERKKNN
PESLPQHFRRTLSVLKKKWENPVAGAEFHTDSLPNSSSEGGHTADYPPAEVTDK
PAPGVRADREEHTQPKPRFGSRPEAVIQSRYPRSENSHDFKAQATESQKMENCLG
DSRHEAEKPETSENTETSGKIEKYNVPLNRLKMMFEKGEHNQTKSLWTQSRNAGG
RRLSENNCSLDDWEIGAGHLSSSAFNSEKNESKRNLPLRLSETSIKDRMAKYQAA
VSKQSSPASYTNELKTSESKTHKWEQKENVPPGPEACSVHQEGSKVSTTENSVA
LSVPAEDDTCNSQVKSEAQQPMHPKPLSPDARTSSLPESSPSKTAKKFQAPAKES
CVECQKTVYPMERLLANQQVFHISCFRCSYCNKLSLGTASYLHGRIYCKPHFNQL
FKSKGNYDEGFGHKQHKDLWASKSDNEETLGRPAQPPNAGESPHSPGVEDAPIAK
VGVLAASMEAKASSQREREDKPAETKKLRIAWPPPAELGGSGSALEEGIKVSKPKW
PPEDDVCKTEAPEDVDLDLKKLRRSSSLKERSRPFTVAASFRTSSIKSPKASSPSLR
KGWSESEQSEEFGGGIATMERKQTENARPSGEKENVGKSRWQGEEVPRSKDRSS
FELESENFMEGANIAEDDNHVHAQQSPLEPEAPGWSGFVDTTAAKEFTTQNQKS
QDVGFWEGEVVRELSVEEQIKRNRYYDEDEDEE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 Mouse LIMA1 full length protein (1-753aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LIMA1, also known as EPLIN or LDLCQ8 or SREBP3, 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.