



Recombinant Mouse HADHA Protein Product Manual

1. Product Basic Information

Product No.: REP07072

Protein Name: 3-Oxoacyl-CoA Thiolase (HADHA)

Aliases: GBP; ECHA; LCEH; MTPA; LCHAD; MLCL AT; TP-ALPHA; 3-oxoacyl-CoA thiolase; gastrin-binding protein; 78 kDa gastrin-binding protein; long-chain 2-enoyl-CoA hydratase; monolysocardiolipin acyltransferase;...

UniProt ID: P40939

UniProt Link: <https://www.uniprot.org/uniprotkb/P40939/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (348-763aa)

Molecular Weight: 52.1 kDa

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

2. Amino Acid Sequence (348-763aa)

LCKKNKFGAPQKNVQQLAILGAGLMGAGIAQVSVDKGLKTLLKDTT VTGLGRGQQQ
VFKGLNDKVKKKALTSFERDSIFS NLIGQLDYKGF EKADMVIEAVFEDLG VKHKVLKE
VESVTPEHCIFASNTSALPINQIAAVSKRPEKVIGMHYFSPVDKMQLLEIITTDKTSKD
TTASAVAVGLRQGKVIIVVKDGP GFYTTRCLAPMMSEVMRILQEGVDPKKLDALTTG
FGFPVGAATLADEVGVDVAQHVAEDLGKAFGERFGGGSVELLKQMVSKGFLGRKS
GKGFIYQEGSKNKSLNSEMDNILANLRLPAKPEVSSDEDVQYRVITRFVNEAVLCL
QEGILATPAEGDIGAVFGLGFPPCLGGPFRFVDLYGAQKVVDRLRKYESAYGTQFT
PCQLLLDHANNSSKKFYQ

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 HADHA partial protein (348-763aa) 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. HADHA, also known as GBP or ECHA or LCEH, 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.