

PRODUCT DATA SHEET

Lipoprotein Lipase Human E. coli

Cat. No.: RD172131100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

LPL, LIPD

Description:

Total 458 AA. MW: 51.61 kDa (calculated). UniProtKB acc.no. P06858. N-Terminal His-tag, 10 extra AA.

Amino Acid Sequence:

MKHHHHHHAS ADQRRDFIDI ESKFALRTPE DTAEDTCHLI PGVAESVATC HFNHSSKTFM
VIHGWTVTGM YESWVPKLVA ALYKREPDSN VIVVDWLSRA QEHYPVSAGY TKLVGQDVAR
FINWMEEEFN YPLDNVHLLG YSLGAHAAGI AGSLTNKKVN RITGLDPAGP NFEYAEAPSR
LSPDDADFVD VLHTFTRGSP GRSIGIQKPV GHVDIYPNGG TFQPGCNIGE AIRVIAERGL
GDVDQLVKCS HERSIHLFID SLLNEENPSK AYRCSSKEAF EKGLCLSCRK NRCNNLGYEI
SKVRAKRSSK MYLKTRSQMP YKVFHYQVKI HFSGTESETH TNQAFEISLY GTVAESENIP
FTLPEVSTNK TYSFLIYTEV DIGELLMMLKL KWKSDSYFSW SDWWSSPGFA IQKIRVKAGE
TQKKVIFCSR EKVSHLQK GK APAVFVKCHD KSLNKKSG

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml in 50mM Acetate beffer, pH=4.0

Reconstitution:

Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10μg/mL. In higher concentrations the solubility of this antigen is limited.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

Western blotting

Note:

This product is intended for research use only.