

Human LPL Recombinant Protein



RPPB1912

Product Information Protein Information

Product SKU:

RPPB1912

Accession:

P06858

Host:

HEK293 (Human Embryonic Kidney cell line).

Protein description:

The Recombinant Human LPL produced in HEK293 cell line has a molecular mass of 51.8kDa containing 461 amino acid residues of the human LPL (Ala28-Gly475, variant Asn > Ser318) and fused to a 13 a.a. Flag-tag at N-terminus.

Appearance:

Filtered white lyophilized powder.

Synonyms:

Lipoprotein lipase, LPL, LIPD, HDLCQ11.

Formulation:

LPL was filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

HVDYKDDDDK PAGADQRRDF IDIESKFALR TPEDTAEDTC HLIPGVAESV ATCHFHNSSK TFMVIHGWTV
TGMYESWVPK ADQRRDF IDIESKFALR TPEDTAEDTC HLIPGVAESV ATCHFHNSSK TFMVIHGWTV
TGMYESWVPK LVAALYKREP DSNVIVVDWL SRAQEHYPVS AGYTKLVGQD VARFINWMEE EFNYPDNDVH
LLGYSLGAHA AGIAGSLTNK KVNRTGLDP AGPNFEYAEA PSRLSPDDAD FVDVLHTFTR GSPGRSIGIQ
KPVGHVDIYP NGGTFQPGCN IGEAIRVIAE RGLGDVDQLV KCSHERSIHL FIDSLLEEN PSKAYRCSSK
EAFEKGLCLS CRKNRCNNLG YEISKVRAKR SSKMYLKTRS QMPYKVFHYQ VKIHFSGTES ETHTNQAFEI
SLYGTVAESE NIPFTLPEVS TNKTYSLIY TEVDIGELLM LKLKWKSDSY FSWSDDWSSP GFAlQKIRVK
AGETQKKVIF CSREKVSHLQ KKGKAPAVFVK CHDKSLNKKSG.