

Lipoprotein Lipase Recombinant Protein | LPL recombinant protein

Recombinant Human Lipoprotein Lipase, HEK

CATALOG #
AAA39012

HOST
HEK293 cells

PRODUCT SYNONYMS

Lipoprotein Lipase; Recombinant Human Lipoprotein Lipase; HEK; LPL Human; Lipoprotein Lipase Human Recombinant; Lipoprotein lipase; LPL; LIPD; HDLCQ11; LPL recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Form/Format	LPL was filtered (0.4 um) and lyophilized from 0.5 mg/ml in 20mM Tris buffer and 50mM NaCl, pH 7.5. Filtered white lyophilized powder.
Sequence	HVDYKDD DDKPAG ADQRRDFIDI ESKFALRTP E DTAEDTCHLI PGVAESVATC HFNHSSKTFM VIHGWTVTGM YESWVPKADQ RRFIDIESK FALRTPEDTA EDTCHLIPGV AESVATCHFN HSSKTFMVIH GWTVTGMYES WVPKLVAALY KREPDSNVIV VDWSRAQEH YPVSAGYTKL VGQDVARFIN WMEEEFNYPL DNVHLLGYSL GAHAAGIAGS LTNKKVNRIT GLDPAGPNFE YAEAPSRLSP DDADFVDVLH TFTRGSPGRS IGIQKPVGHV DIYPNGGTFQ PGCNIGEAIR VIAERGLGDV DQLVKCSHER SIHLFIDSLL NEENPSKAYR CSSKEAFEKG LCLSCRKNRC NNLGYEISKV RAKRSSKMYL KTRSQMPYKV FHYQVKIHFS GTESEHTNQ AFEISLYGTV AESENIPFTL PEVSTNKTYS FLIYTEVDIG ELLMLKLKWK SDSYFSWSDW WSSPGFAIQK IRVKAGETQK KVIFCSREKV SHLQKGKAPA VEVKCHDKSL NKKSG.
Sequence Length	475
Physical Appearance	Filtered white lyophilized powder.
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.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for LPL recombinant protein	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. DYKDDDDK-tag at N-terminus.
Product Categories/Family for LPL recombinant protein	Enzymes ; Lipase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557727
NCBI GeneID	4023
NCBI Accession #	NP_000228.1
NCBI GenBank Nucleotide #	NM_000237.2
UniProt Accession #	P06858 ; Q16282 ; Q16283 ; Q96FC4 ; B2R5T9

NCBI Official Full Name	lipoprotein lipase
NCBI Official Synonym Full Names	lipoprotein lipase
NCBI Official Symbol	LPL
NCBI Official Synonym Symbols	LIPD; HDLCQ11
NCBI Protein Information	lipoprotein lipase
UniProt Protein Name	Lipoprotein lipase
UniProt Gene Name	LPL
UniProt Synonym Gene Names	LIPD; LPL
UniProt Entry Name	LIPL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lpl-recombinant-protein-hek293-cells/39012>