Recombinant Mouse LPL protein, His & Myc-tagged

Cat. No. LPL-388M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LPL protein (28-474aa) was expressed in E. coli with N-terminal 10xHis tag and C-terminal Myc tag.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (28-474aa)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	57.3 kDa
AA Sequence	ADAGRDFSDIESKFALRTPEDTAEDTCHLIPGLADSVSNCHFNHSSKTFVVIHGWTV TGMYESWVPKLVAALYKREPDSNVIVVDWLYRAQQHYPVSAGYTKLVGNDVARFIN WMEEEFNYPLDNVHLLGYSLGAHAAGVAGSLTNKKVNRITGLDPAGPNFEYAEAPS RLSPDDADFVDVLHTFTRGSPGRSIGIQKPVGHVDIYPNGGTFQPGCNIGEAIRVIAE RGLGDVDQLVKCSHERSIHLFIDSLLNEENPSKAYRCNSKEAFEKGLCLSCRKNRCN NLGYEINKVRAKRSSKMYLKTRSQMPYKVFHYQVKIHFSGTEDGKQHNQAFEISLYG TVAESENIPFTLPEVSTNKTYSFLIYTEVDIGELLMMKLKWISDSYFSWPDWWSSPSF VIERIRVKAGETQKKVIFCAREKVSHLQKGKDSAVFVKCHDKSLKKSG

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	Lpl lipoprotein lipase [Mus musculus (house mouse)]
Official Symbol	LPL
Synonyms	Lpl; Lipoprotein lipase; LPL; EC 3.1.1.34
Gene ID	16956
mRNA Refseq	NM_008509.2
Protein Refseq	NP_032535.2
UniProt ID	P11152

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