

## Recombinant Mouse LPL protein, His-tagged

Cat. No. LPL-379M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Mouse LPL protein (28-474aa) was expressed in Baculovirus with a N-terminal 10xHis tag.

**Species** Mouse

**Source** Insect Cells

**Protein Length** 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** 52.8 kDa

**AA Sequence**

```
ADAGRDFSDIESKFALRTPEDTAEDTCHLIPGLADSVSNCHFVNHSSKTFVVIHGWTV
TGMYESWVPKLVAALYKREPDSNVIVVDWLYRAQQHYPVSAGYTKLVGNDVARFIN
WMEEEFNYPNDNVHLLGYSLGAHAAGVAGSLTNKKVNRTGLDPAGPNFEYAEAPS
RLSPDDADFVDVLHTFTRGSPGRSIGIQKPVGHVDIYPNGGTFQPGCNIGEAIRVIAE
RGLGDVDQLVKCSHERSIHLFIDSLLEENPSKAYRCNSKEAFEKGLCLSCRKNRCN
NLGYEINKVRAKRSSKMYLKTRSQMPYKVFHYQVKIHFSGTEDGKQHNQAFEISLYG
TVAESENIPFTLPEVSTNKTYSFLLIYTEVDIGELMMMLKLVSDSYFSWPDWWSSPSF
VIERIRVKAGETQKKVIFCAREKVSHLQKGDSDAVFVKCHDKSLKKSG
```

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">Lpl lipoprotein lipase [Mus musculus (house mouse)]</a>
<b>Official Symbol</b>	<a href="#">LPL</a>
<b>Synonyms</b>	Lpl; Lipoprotein lipase; LPL; EC 3.1.1.34
<b>Gene ID</b>	<a href="#">16956</a>
<b>mRNA Refseq</b>	<a href="#">NM_008509.2</a>
<b>Protein Refseq</b>	<a href="#">NP_032535.2</a>
<b>UniProt ID</b>	<a href="#">P11152</a>

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