

## Product datasheet for TP526332

### Lpl (NM\_008509) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lipoprotein lipase (Lpl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226332 representing NM_008509 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MESKALLLVVLGVWLQSLTAFRGGVAAADAGRDFSDIESKFALRTPEDTAEDTCHLIPGLADSVSNCHFV  
HSSKTFVVIHGWTVTGMYESWVPKLVAALYKREPDSNVIVVDWLYRAQQHYVPSAGYTKLVGNDVARFIN  
WMEEEFNYPLDNVHLLGYSLGAHAAGVAGSLTNKKVNRTGLDPAGPNFEYAEAPSRLSPDDADFVDVLH  
TFTRGSPGRSIGIQKPVGHVDIYPNGGTFQPGCNIGEIRVIAERGLGDVDQLVKCSHERSIHLFIDSL  
NEENPSKAYRCNSKEAFEKGLCLSCRKNRCNNLGYEINKVRAKRSSKMYLKTRSQMPYKVFHYQVKIHFS  
GTEDGKQHNQAFEISLYGTVAESENIPFTLPEVSTNKTYSFLIYTEVDIGELMMMLKLVKISDYSYFSWPDW  
WSSPSFVIERIRVKAGETQKKVIFCAREKVSLSLQKGDSSAVFVKCHDKSLKKS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	53.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_032535</a></u>
Locus ID:	16956



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UniProt ID: [P11152](#)

RefSeq Size: 4049

Cytogenetics: 8 33.88 cM

RefSeq ORF: 1422

**Summary:** Key enzyme in triglyceride metabolism. Catalyzes the hydrolysis of triglycerides from circulating chylomicrons and very low density lipoproteins (VLDL), and thereby plays an important role in lipid clearance from the blood stream, lipid utilization and storage (PubMed:8675619). Mediates margination of triglyceride-rich lipoprotein particles in capillaries (PubMed:24726386). Recruited to its site of action on vascular endothelium by binding to GPIHBP1 and cell surface heparan sulfate proteoglycans (PubMed:20620994, PubMed:24726386, PubMed:27811232).[UniProtKB/Swiss-Prot Function]