

## Product datasheet for TP506231

### Lipa (NM\_001111100) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lysosomal acid lipase A (Lipa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206231 representing NM_001111100 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MQLQGLVVFVTIGILLSRVPTGTVSAVDPEVNMNVTEIIMRWGYPGEEHSVLTGDGYILSIHRIPRGRKN HFGKGRPVVYLQHGLLADSSNWVTNIDNSSLGFLADAGFDVWMGNSRGNTWSLKHKTLVSQDEFWAF SFDEMAKYDLPASINYILNKTGQEIQIYYVGHSGQCTIGFIQAFSQMPELAKKIKMFLVLAPVLSLNFASGP LLQLGRLPDPLLKDMFGQKQFLPQSAMLKWLSTHVMKELCANVFFLLCGFNEKNLNMSRVVYTT HCPAGTSVQNMHLHWGQVFKYRKLQAFDWGSSEKNYFHYNQSFPPSYNIKNMRLPTALWSSGRDWLADIND ITILLTQIPKLVYHKNIPEWDHLDLFIWGLDAPWKLYDEIISLMKKYQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	45.8 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:	<a href="#">NP_001104570</a>
Locus ID:	16889
UniProt ID:	<a href="#">Q9Z0M5</a> , <a href="#">Q3TEL5</a>



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RefSeq Size: 2987

Cytogenetics: 19 C1

RefSeq ORF: 1191

Synonyms: AA960673; Lal; Lip-1; Lip1

**Summary:** Crucial for the intracellular hydrolysis of cholesteryl esters and triglycerides that have been internalized via receptor-mediated endocytosis of lipoprotein particles. Important in mediating the effect of LDL (low density lipoprotein) uptake on suppression of hydroxymethylglutaryl-CoA reductase and activation of endogenous cellular cholesteryl ester formation (By similarity). [UniProtKB/Swiss-Prot Function]