

Product datasheet for **TP301637L**

Lysosomal acid lipase (LIPA) (NM_000235) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lipase A, lysosomal acid, cholesterol esterase (LIPA), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201637 protein sequence Red =Cloning site Green =Tags(s) MKMRFLGLVCLVLWPLHSEGGKLTALDPETNMNVSEIISYWGFPSSEYLVETEDGYILCLNRIPHGR KNHSDKGPKPVFLQHGLLADSSNWVTNLANSSLGFILADAGFDVWVGNSRGNTWSRKHKTLSVSQDEFW AFSYDEMAKYDLPASINFILNKTGQEQQVYVGHSGQTTIGFIAFSQIPELAKRIKMFFALGPVASVAFCT SPMAKLGRLPDHLIKDLFGDKEFLPQSAFLKWLGTHVCTHVILKELCGNLFCLLCGFNERNLNMSRVDVY TTHSPAGTSVQNMHLHWSQAVKFQKFQAFDWGSSAKNYFHYNQSYPTYNVKDMLVPTAVWSGGHDWLADV YDVNILLTQITNLV FHESIPEWEHLDFIWGLDAPWRLYNKIINLMRKYQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	43 kDa
Concentration:	>0.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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>NP_000226</u>



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Locus ID: 3988

UniProt ID: [P38571](#)

RefSeq Size: 2775

Cytogenetics: 10q23.31

RefSeq ORF: 1197

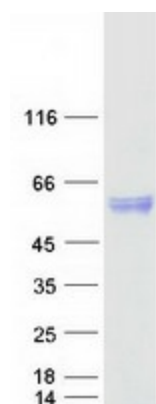
Synonyms: CESD; LAL

Summary: This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2014]

Protein Families: Druggable Genome

Protein Pathways: Lysosome, Steroid biosynthesis

Product images:



Coomassie blue staining of purified LIPA protein (Cat# [TP301637]). The protein was produced from HEK293T cells transfected with LIPA cDNA clone (Cat# [RC201637]) using MegaTran 2.0 (Cat# [TT210002]).