

Product datasheet for TP301637M

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, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201637 protein sequence
Red=Cloning site **Green**=Tags(s)

MKMRFLGLVCLVLWPLHSEGSGGKLTALDPETNMNVSEIISYWGFPSSEYLVETEDGYILCLNRIPHGR
KNHSDKGPKPVFLQHGLLADSSNWVTNLANSLSLGFILADAGFDVWVGNSRGNTWSRKHKTLVSQDE
FW

AFSYDEMAKYDLPASINFILNKTGQEQVYVGHSGQTTIGFIAFSQIPELAKRIKMFFALGPVASVAFCT
SPMAKLGRLPDHLIKDLFGDKEFLPQSAFLKWLGTHVCTHVILKELCGNLCFLLCGFNERNLNMRSVDVY
TTHSPAGTSVQNMLHWSQAVKFQKFQAFDWGSSAKNYFHYNQSYPTPTYNVKDMLVPTAVWSGGHDW
LADV

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.

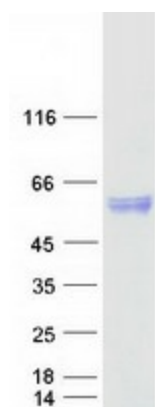
Storage: Store at -80°C.



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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:	NP_000226
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]).