

Recombinant Human LIPA, MYC/DDK-tagged

Cat. No. LIPA-11H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIPA, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	43 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	LIPA lipase A, lysosomal acid, cholesterol esterase [Homo sapiens]
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Official Symbol	LIPA
Synonyms	LIPA; lipase A, lysosomal acid, cholesterol esterase; lysosomal acid lipase/cholesteryl ester hydrolase; CESD; LAL; Wolman disease; sterol esterase; cholesteryl esterase; lysosomal acid lipase; cholesterol ester hydrolase; acid cholesteryl ester hydrolase
Gene ID	3988
mRNA Refseq	NM_000235
Protein Refseq	NP_000226
MIM	613497
UniProt ID	P38571
Chromosome Location	10q23.2-q23.3
Pathway	Lysosome; Phase I, non P450; Steroid biosynthesis
Function	lipase activity; sterol esterase activity

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