



LIPA peptide (DAG-P0665)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jan 2014]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the AB hydrolase superfamily. Lipase family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	LIPA lipase A, lysosomal acid, cholesterol esterase [Homo sapiens (human)]
Official Symbol	LIPA
Synonyms	LIPA; lipase A, lysosomal acid, cholesterol esterase; LAL; CESD; lysosomal acid lipase/cholesteryl ester hydrolase; sterol esterase; cholesteryl esterase; lysosomal acid lipase; cholesterol ester hydrolase; acid cholesteryl ester hydrolase;
Entrez Gene ID	3988

mRNA Refseq	NM_000235.3
Protein Refseq	NP_000226.2
UniProt ID	P38571
Chromosome Location	10q23.2-q23.3
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Phase I, non P450, organism-specific biosystem; Steroid biosynthesis, organism-specific biosystem; Steroid biosynthesis, conserved biosystem;
Function	lipase activity; sterol esterase activity;