Recombinant Human LPCAT1, GST-tagged

Cat. No. LPCAT1-620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LPCAT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-345aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	LPCAT1 lysophosphatidylcholine acyltransferase 1 [Homo sapiens]
Official Symbol	LPCAT1
Synonyms	LPCAT1; lysophosphatidylcholine acyltransferase 1; acyltransferase like 2 , AYTL2; FLJ12443; LPCAT-1; lysoPAFAT; LPC acyltransferase 1; acyltransferase like 2; acyltransferase-like 2; lysoPC acyltransferase 1; lyso-PAF acetyltransferase; regulated by phosphonoformate; acetyl-CoA:lyso-PAF acetyltransferase;

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	phosphonoformate immuno-associated protein 3; 1-acylglycerophosphocholine O-acyltransferase; 1-alkylglycerophosphocholine O-acetyltransferase; acyl-CoA:lysophosphatidylcholine acyltransferase 1; acetyl-CoA:lyso-platelet-activating factor acetyltransferase; AYTL2; lpcat; PFAAP3; FLJ41609;
Gene ID	79888
mRNA Refseq	NM_024830
Protein Refseq	NP_079106
MIM	610472
UniProt ID	Q8NF37
Chromosome Location	5p15.33
Pathway	Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	1-acylglycerophosphocholine O-acyltransferase activity; 1-alkylglycerophosphocholine O-acetyltransferase activity; calcium ion binding; transferase activity, transferring acyl groups;

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