

Recombinant Human LPCAT3 Protein (Ala2-Glu487), N-His tagged

Cat. No. LPCAT3-3758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LPCAT3 (Ala2-Glu487) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Glu487
Description	Enables 1-acylglycerophosphocholine O-acyltransferase activity; 1-acylglycerophosphoethanolamine O-acyltransferase activity; and 1-acylglycerophosphoserine O-acyltransferase activity. Involved in phosphatidylcholine acyl-chain remodeling; phosphatidylethanolamine acyl-chain remodeling; and phosphatidylserine acyl-chain remodeling. Located in endoplasmic reticulum membrane.
Form	Lyophilized powder/frozen liquid
Molecular Mass	58.21 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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	centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	LPCAT3 lysophosphatidylcholine acyltransferase 3 [Homo sapiens (human)]
Official Symbol	LPCAT3
Synonyms	LPCAT3; lysophosphatidylcholine acyltransferase 3; C3F; LPCAT; LPSAT; OACT5; nessy; MBOAT5; LPLAT 5; LPLAT12; lysophospholipid acyltransferase 5; 1-acylglycerophosphocholine O-acyltransferase; 1-acylglycerophosphoethanolamine O-acyltransferase; 1-acylglycerophosphoserine O-acyltransferase; O-acyltransferase (membrane bound) domain containing 5; O-acyltransferase domain-containing protein 5; lyso-PC acyltransferase 3; lyso-PS acyltransferase; lysophosphatidylserine acyltransferase; lysophospholipid acyltransferase 12; membrane bound O-acyltransferase domain containing 5; membrane-bound O-acyltransferase domain-containing protein 5; putative protein similar to nessy; NP_005759.4; EC 2.3.1.23; EC 2.3.1.n6; EC 2.3.1.n7
Gene ID	10162
mRNA Refseq	NM_005768
Protein Refseq	NP_005759

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MIM	611950
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UniProt ID	Q6P1A2
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SDS-PAGE	
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