

Recombinant Human LPCAT2 protein, His-tagged

Cat. No. LPCAT2-2570H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LPCAT2 protein(340-544 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	340-544 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EAGLVEFTKISRKLKLDWDGVRKHLDEYASIASSSKGGRIIEEFAKYLKLPVSDVLR QLFALFDRNHGDSIDFREYVIGLAVLCNPSNTEEIIQVAFKLFDVDEDDGYITEEEFSTIL QASLGVPDLDVSGLFKEIAQGDSISYEEFKSFALKHPEYAKIFTTYLDLQTCHVFSLPK EVQTTTPSTASNKVSPEKHEESTSDKKDD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	LPCAT2 lysophosphatidylcholine acyltransferase 2 [Homo sapiens]
Official Symbol	LPCAT2
Synonyms	LPCAT2; lysophosphatidylcholine acyltransferase 2; acyltransferase like 1 , AYTL1; FLJ20481; LPCAT-2; LPC acyltransferase 2; acyltransferase like 1; acyltransferase-like 1; lysoPC acyltransferase 2; lyso-PAF acetyltransferase; acetyl-CoA:lyso-PAF acetyltransferase; 1-acylglycerophosphocholine O-acyltransferase; 1-alkylglycerophosphocholine O-acetyltransferase; acyl-CoA:lysophosphatidylcholine acyltransferase 2; lyso-platelet-activating factor (PAF) acetyltransferase; acetyl-CoA:lyso-platelet-activating factor acetyltransferase; AYTL1; LysoPAFAT; DKFZp686H22112;
Gene ID	54947
mRNA Refseq	NM_017839
Protein Refseq	NP_060309
MIM	612040
UniProt ID	Q7L5N7

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