

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 QLFALFDRNHDGSIDFREYVIGLAVLCNPSNTEEIIQVAFKLFVDDEDGYITEEEFSTIL 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA