

Lysophosphatidylcholine Acyltransferase 3 (LPCAT3) Recombinant Protein | LPCAT3 recombinant protein

Recombinant Lysophosphatidylcholine Acyltransferase 3 (LPCAT3)

CATALOG # AAA134096	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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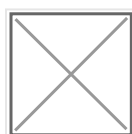
PRODUCT SYNONYMS

Lysophosphatidylcholine Acyltransferase 3 (LPCAT3); Recombinant Lysophosphatidylcholine Acyltransferase 3 (LPCAT3); LPCAT3 recombinant protein

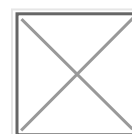
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200Ug/mL (varies by lot)
Applicable Applications for LPCAT3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met122~Arg233
Tags	N-terminal His Tag
Subcellular Location	Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

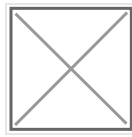
IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract)



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	42542394
NCBI GeneID	10162
NCBI Accession #	NP_005759.4
NCBI GenBank Nucleotide #	NM_005768.5
UniProt Accession #	Q6P1A2; Q7KZS1; Q92980; Q9BW40; B2RDH0
Molecular Weight	Predicted Molecular Mass: 19.2kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	lysophospholipid acyltransferase 5
NCBI Official Synonym Full Names	lysophosphatidylcholine acyltransferase 3
NCBI Official Symbol	LPCAT3
NCBI Official Synonym Symbols	C3F; LPCAT; LPSAT; OACT5; nesy; MBOAT5; LPLAT 5
NCBI Protein Information	lysophospholipid acyltransferase 5; lyso-PS acyltransferase; lyso-PC acyltransferase 3; putative protein similar to nesy; lysophosphatidylserine acyltransferase; 1-acylglycerophosphoserine O-acyltransferase; 1-acylglycerophosphocholine O-acyltransferase; O-acyltransferase domain-containing protein 5; membrane bound O-acyltransferase domain containing 5; O-acyltransferase (membrane bound) domain containing 5; membrane-bound O-acyltransferase domain-containing protein 5
UniProt Protein Name	Lysophospholipid acyltransferase 5
UniProt Gene Name	LPCAT3
UniProt Synonym Gene Names	MBOAT5; OACT5; LPLAT 5; LPCAT; Lyso-PC acyltransferase; Lyso-PC acyltransferase 3; LPSAT; Lyso-PS acyltransferase; O-acyltransferase domain-containing protein 5
UniProt Entry Name	MBOA5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lpcat3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134096>