

Recombinant Human LPGAT1 Protein, GST-tagged

Cat. No. LPGAT1-4721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPGAT1 full-length ORF (NP_055688.1, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Acyl-CoA:lysophosphatidylglycerol (LPG) acyltransferase catalyzes the reacylation of LPG to phosphatidylglycerol, a membrane phospholipid that is an important precursor for the synthesis of cardiolipin (Yang et al., 2004 [PubMed 15485873]).[supplied by O MIM
Molecular Mass	69.5 kDa
AA Sequence	MAITLEEAPWLGWLLVKALMRFAFMVVNNLVAIPSYICYVILQPLRVLDSKRFWYIEG IMYKWLLGMVASWGWYAGYTVMEWGEDIKAVSKDEAVMLVNHQATGDVCTLMMC LQDKGLVVAQMMWLMDHIFKYTNFGIVSLVHGDFIRQGRSYRDQQLLLLKKHLEN NYRSRDRKWIVLFPESGGFLRKRRETSQAFKKNLPLFLTNVTLPRSGATKIILNALVA QQKNGSPAGGDAKELDSKSKGLQWIIDTTIAYPKAEPIDIQTWILGYRKPTVTHVHYR IFPIKDVPLETDDLTTWLYQRFVEKEDLLSHFYETGAFPPSKGHKEAVSREMTLSNL WIFLIQSFAFLSGYMWYNIQYFYHCLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

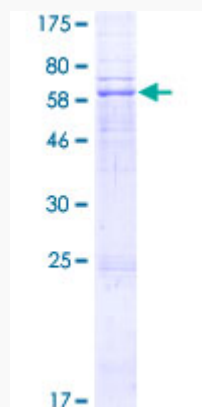
Gene Name	LPGAT1 lysophosphatidylglycerol acyltransferase 1 [Homo sapiens]
Official Symbol	LPGAT1
Synonyms	LPGAT1; lysophosphatidylglycerol acyltransferase 1; FAM34A, family with sequence similarity 34, member A; acyl-CoA:lysophosphatidylglycerol acyltransferase 1; FAM34A1; KIAA0205; NET8; family with sequence similarity 34, member A; FAM34A;
Gene ID	9926
mRNA Refseq	NM_014873
Protein Refseq	NP_055688
MIM	610473
UniProt ID	Q92604

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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