

Recombinant Full Length Human LPGAT1 Protein, GST-tagged

Cat. No. LPGAT1-5986HF **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	In Vitro Cell Free System
ProteinLength	370 amino acids
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 NYRSRDRKWIVLFPeggFLRKRRETSQAFakkNNLPFLTNVTLPRSGATKIILNALVA QQKNGSPAGGDAKELDSKSKGLQWIIDTTIAYPKAEPIDIQTWILGYRKPTVTHVHYR IFPIKDVPLETDDLTTWLYQRFVEKEDLLSHFYETGAFPPSKGHKEAVSREMTLSNL WIFLIQSFAFLSGYMWYNIQYFYHCLF
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	Western Blot (Recombinant protein) Antibody Production 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

 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