

Recombinant Full Length Human AGPAT4 Protein, GST-tagged

Cat. No. AGPAT4-932HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGPAT4 full-length ORF (NP_064518.1, 1 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	378 amino acids
Description	This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. [provided by RefSeq, Jul 2008]
Molecular Mass	70.4 kDa
AA Sequence	MDLAGLLKSQ FLCHLVFCYV FIASGLIINT IQLFTLLLWP INKQLFRKIN CRLSYCISSQ LVMLLEWWSG TECTIFTDPR AYLKYGKENA IVVLNHNKFEI DFLCGWSLSE RFGLLGGSKV LAKKELAYVP IIGWMWYFTE MVFCSRKWEQ DRKTVATSLQ HLRDYPEKYF FLIHCEGTRF TEKKHEISMV VARAKGLPRL KHHLLPRTKG FAITVRSLRN VVSAVYDCTL NFRNNENPTL LGVLNGKKYH ADLYVRRIP L EDIPEDDDEC SAWLHKLYQE KDAFQEEYYR TGTFPETPMV PPRRPWTLVN WLFWASLVLY PFFQFLVSMI RSGSSLTLAS FILVFFVASV GVRWMIGVTE IDKGSAYGNS DSKQKLND

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	AGPAT4 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta) [Homo sapiens]
Official Symbol	AGPAT4
Synonyms	AGPAT4; 1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta); 1-acyl-sn-glycerol-3-phosphate acyltransferase delta; dJ473J16.2; LPAAT delta; 1-AGPAT 4; 1-AGP acyltransferase 4; lysophosphatidic acid acyltransferase delta; lysophosphatidic acid acyltransferase-delta (LPAAT-delta); 1-AGPAT4; LPAAT-delta; RP3-473J16.2
Gene ID	56895
mRNA Refseq	NM_020133
Protein Refseq	NP_064518
MIM	614795
UniProt ID	Q9NRZ5

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