Recombinant Human AGPAT3 Protein, GST-tagged

Cat. No. AGPAT3-430H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGPAT3 full-length ORF (AAH04219.1, 1 a.a. - 63 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is an acyltransferase that converts lysophosphatidic acid into phosphatidic acid, which is the second step in the de novo phospholipid biosynthetic pathway. The encoded protein may be an integral membrane protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	33.7 kDa
AA Sequence	MGSPAHLPKDAIAVFIVFPRVRHWLSGTRRQCTRRAPYVRCFKVPVLRKRSLVEEM SAEQITK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

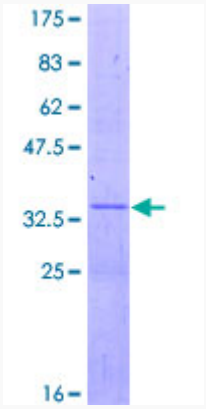
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Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AGPAT3 1-acylglycerol-3-phosphate O-acyltransferase 3 [Homo sapiens]
Official Symbol	AGPAT3
Synonyms	AGPAT3; 1-acylglycerol-3-phosphate O-acyltransferase 3; 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma; LPAAT gamma; 1-AGPAT 3; 1-AGP acyltransferase 3; lysophosphatidic acid acyltransferase gamma; lysophosphatidic acid acyltransferase-gamma1; LPAAT-GAMMA1; MGC4604;
Gene ID	56894
mRNA Refseq	NM_001037553
Protein Refseq	NP_001032642
MIM	614796
UniProt ID	Q9NRZ7

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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