

Recombinant Full Length Human AGPAT3 Protein, GST-tagged

Cat. No. AGPAT3-931HF **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	In Vitro Cell Free System
ProteinLength	63 amino acids
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	MGSPAHLPKD AIAVFIVFPR VRHWLSGTRR QCTRRAPYVR CFKVPVLRKR SLVEEMSAEQ ITK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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 [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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