

Recombinant Human AGPAT5 Protein, GST-tagged

Cat. No. AGPAT5-434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGPAT5 full-length ORF (NP_060831.2, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. A pseudogene of this gene is present on the Y chromosome. [provided by RefSeq, Aug 2014]
Molecular Mass	68.5 kDa
AA Sequence	MLLSVLHTYSMRYLLPSVLLGTAPTYVLAWGVWRLLSAFLPARFYQALDDRLYCV YQSMVLFFFENYTGQILLYGDLPKNKENIYLANHQSTVDWIVADILAIRQNALGHVR YVLKEGLKWPLYGCFYQHGGIYVKRSKAFNEKEMRNKLQSYVDAGTPMYLVIFP EGTRYNPEQTKVLSASQAFAAQRGLAVLKHVLTPIKATHVAFDCMKNYLDIYDVT VVYEGKDDGGQRRESPTMTEFLCKECPKIHIDRIDKKDVPPEEQEHMRRWLHERF EIKDKMLIEFYESPDPERRKRFPKGSVNSKLSIKKTLPSMLILSGLTAGMLMTDAGRK LYVNTWIYGTLGCLWVTIKA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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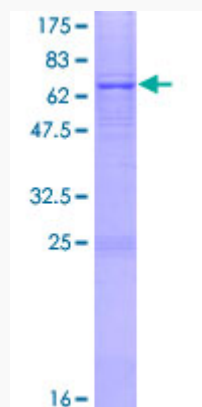
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	AGPAT5 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon) [Homo sapiens]
Official Symbol	AGPAT5
Synonyms	AGPAT5; 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon); 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon; FLJ11210; LPAAT e; LPAAT epsilon; 1-AGPAT 5; 1-AGP acyltransferase 5; lysophosphatidic acid acyltransferase epsilon; LPAATE; 1AGPAT5;
Gene ID	55326
mRNA Refseq	NM_018361
Protein Refseq	NP_060831
MIM	614796
UniProt ID	Q9NUQ2

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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