Recombinant Human AGPAT6 Protein, GST-tagged

Cat. No. AGPAT6-435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AGPAT6 full-length ORF (NP_848934.1, 1 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis.[supplied by OMIM, Apr 2004]
Molecular Mass	78.5 kDa
AA Sequence	MFLLLPFDSLIVNLLGISLTVLFTLLLVFIIVPAIFGVSFGIRKLYMKSLLKIFAWATLRME RGAKEKNHQLYKPYTNGIIAKDPTSLEEEIKEIRRSGSSKALDNTPEFELSDIFYFCRK GMETIMDDEVTKRFSAEELESWNLLSRTNYNFQYISLRLTVLWGLGVLIRYCFLLPLR IALAFTGISLLVVGTTVVGYLPNGRFKEFMSKHVHLMCYRICVRALTAIITYHDRENRP RNGGICVANHTSPIDVIILASDGYYAMVGQVHGGLMGVIQRAMVKACPHVWFERSE VKDRHLVAKRLTEHVQDKSKLPILIFPEGTCINNTSVMMFKKGSFEIGATVYPVAIKYD PQFGDAFWNSSKYGMVTYLLRMMTSWAIVCSVWYLPPMTREADEDAVQFANRVK SAIARQGGLVDLLWDGGLKREKVKDTFKEEQQKLYSKMIVGNHKDRSRS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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	AGPAT6 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta) [Homo sapiens]
Official Symbol	AGPAT6
Synonyms	AGPAT6; 1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta); glycerol-3-phosphate acyltransferase 6; DKFZp586M1819; LPAAT zeta; 1-AGP acyltransferase 6; lysophosphatidic acid acyltransferase zeta; testis spermatogenesis apoptosis-related protein 7; 1-acyl-sn-glycerol-3-phosphate acyltransferase zeta; LPAATZ; TSARG7; 1-AGPAT 6; LPAAT-zeta;
Gene ID	137964
mRNA Refseq	NM_178819
Protein Refseq	NP_848934
MIM	608143
UniProt ID	Q86UL3

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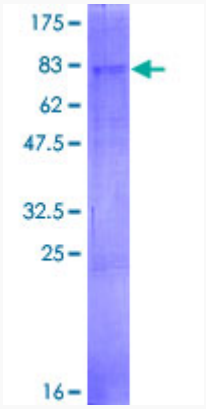
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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