

Recombinant Full Length Human AGPAT6 Protein, GST-tagged

Cat. No. AGPAT6-934HF **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	In Vitro Cell Free System
ProteinLength	456 amino acids
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	MFLLLPFDSL IVNLLGISLT VLFTLLLVFI IVPAIFGVSF GIRKLYMKSL LKIFAWATLR MERGAKEKNH QLYKPYTNGI IAKDPTSLEE EIKEIRRS GS SKALDNTPEF ELSDIFYFCR KGMETIMDDE VTKRFSAEEL ESWNLLSRTN YNFQYISLRL TVLWGLGVLI RYCFLPLRI ALAFTGISLL VVGTTVVGYL PNGRFKEFMS KHVHLMCYRI CVRALTAIT YHDRENRP RN GGICVANHTS PIDVIILASD GYAMVGQVH GGLMGVIQRA MVKACPHVWF ERSEVKDRHL VAKRLTEHVQ DKSKLPILIF PEGTCINNTS VMMFKKGSFE IGATVYPVAI KYDPQFGDAF WNSSKYGMVT YLLRMMTSWA IVCSVWYLPP MTREADEDAV QFANRVKSAI ARQGGLVDLL WDGGLKREKV KDTFKEEQQK LYSKMIVGNH KDRSRS

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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	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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