

1-acyl-sn-glycerol-3-phosphate acyltransferase beta (AGPAT2) Recombinant Protein | AGPAT2 recombinant protein

Recombinant Human 1-acyl-sn-glycerol-3-phosphate acyltransferase beta (AGPAT2)

CATALOG # AAA115095	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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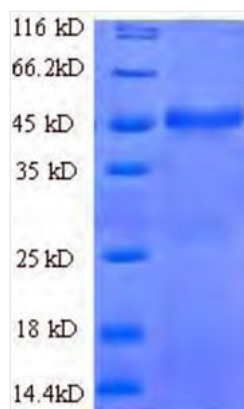
PRODUCT SYNONYMS

1-acyl-sn-glycerol-3-phosphate acyltransferase beta (AGPAT2); Recombinant Human 1-acyl-sn-glycerol-3-phosphate acyltransferase beta (AGPAT2); AGPAT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-278
Sequence	MELWPCLAAA LLLLLLVQL SRAAEFYAKV ALYCALCFTV SAVASLVCLL RHGGRTVENM SIIGWVRSF KYFYGLRFEV RDPRLQEAR PCVIVSNHQS ILDMMGLMEV LPERCVQIAK RELLFLGPVG LIMYLGGVFF INRQRSSTAM TVMADLGERM VRENKVIWY PEGTRNDNGD LLPFKKGAFY LAVQAQVPIV PVVYSSFSSSF YNTKKKFFTS GTVTVQVLEA IPTSGLTAAD VPALVDTCHR AMRTTFLHIS KTPQENGATA GSGVQPAQ
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Note: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for AGPAT2 recombinant protein	Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	69122971
NCBI GeneID	10555
NCBI Accession #	NP_001012745.1
NCBI GenBank Nucleotide #	NM_001012727.1
UniProt Accession #	O15120; O00516; O15106; Q5VUD3; Q5VUD4; Q9BSV7; Q9BWR7
Molecular Weight	47kD
NCBI Official Full Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta isoform b
NCBI Official Synonym Full Names	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
NCBI Official Symbol	AGPAT2
NCBI Official Synonym Symbols	BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta
NCBI Protein Information	1-acyl-sn-glycerol-3-phosphate acyltransferase beta; 1-AGPAT 2; 1-AGP acyltransferase 2; lysophosphatidic acid acyltransferase beta; lysophosphatidic acid acyltransferase-beta; 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase-beta)
UniProt Protein Name	1-acyl-sn-glycerol-3-phosphate acyltransferase beta
UniProt Gene Name	AGPAT2
UniProt Synonym Gene Names	1-AGP acyltransferase 2; 1-AGPAT 2; LPAAT-beta
UniProt Entry Name	PLCB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/agpat2-recombinant-protein-e-coli/115095>