

Recombinant Human AGPAT5 protein, His-tagged

Cat. No. AGPAT5-4024H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGPAT5 protein(139-323 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	139-323 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

IYVKRSAKFNEKEMRNKLQSYVDAGTPMYLVIFPEGTRYNPEQTKVLSASQAFAAQR
 GLAVLKHVLTTPRIKATHVAFDCMKNYLDAIYDVTVVYEGKDDGGQRRESPTMTEFLC
 KECPKIHIIHIDRIDKKDVP EEQEHMRRWLHERFEIKDKMLIEFYESPDPERRKRFP GK
 SVNSKLSIKKTLP

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](#)

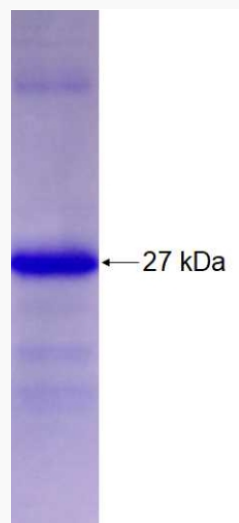
UniProt ID [Q9NUQ2](#)

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SDS-PAGE



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