

Recombinant Human AGPAT2 protein, GST-tagged

Cat. No. AGPAT2-1064H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGPAT2 protein(201-279 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	201-279 aa
Tag	N-GST
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

VPVVYSSFSSFYNTKKKFFTSGLTVTVQVLEAIPTSGLTAADVPALVDTCHRAMRTTFL
HISKTPQENGATAGSGVQPAQ

GENE INFORMATION
Gene Name

AGPAT2 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta) [Homo sapiens]

Official Symbol

AGPAT2

Synonyms

AGPAT2; 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta); Berardinelli Seip congenital lipodystrophy , BSCL; 1-acyl-sn-glycerol-3-phosphate acyltransferase beta; LPAAT 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); BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta;

Gene ID

10555

mRNA Refseq

NM_001012727

Protein Refseq

NP_001012745

MIM

603100

UniProt ID

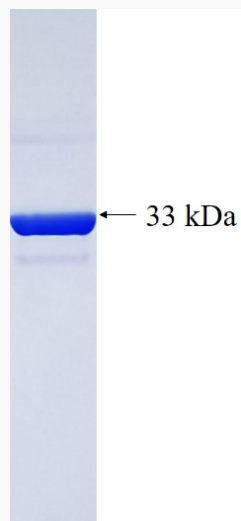
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SDS-PAGE

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