

Recombinant Full Length Human 1-Acyl-Sn-Glycerol-3-Phosphate Acyltransferase Epsilon(Agpat5) Protein, His-Tagged

Cat. No. RFL11007HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon(AGPAT5) Protein (Q9NUQ2) (1-364aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-364)
Form	Lyophilized powder
AA Sequence	MLLSVLHTYSMRYLLPSVLLGTAPTYVLAWGVWRLLSAFLPARFYQALDDRLYCV YQS MVLFFFENYTGVCILLYGDLPKNKENIIYLANHQSTVDWIVADILAIRQNALGHV RYVLK EGLKWLPYGCYFAQHGGIYVKRSAKFNEKEMRNKLQSYVDAGTPMYLVIF PEGTRYNPE QTKVLSASQAFAAQRGLAVLKHVLTPIKATHVAFDCMKNYLDAIYDV TVVYEGKDDGGQ RRESPTMTEFLCKECPKIHIIHIDRIDKKDVPREEHMRRLHER FEIKDKMLIEFYSPD PERRKRFPGKSVNSKLSIKKTLPSMLILSGLTAGMLMTDAGR KLYVNTWIYGTLLGCLWV TIKA
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

AGPAT5

Synonyms

AGPAT5; 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon; 1-acylglycerol-3-phosphate O-acyltransferase 5; 1-AGP acyltransferase 5; 1-AGPAT 5; Lysophosphatidic acid acyltransferase epsilon; LPAAT-epsilon

UniProt ID

[Q9NUQ2](#)

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