

Recombinant Full Length Mouse Glycerol-3-Phosphate Acyltransferase 4(Agpat6) Protein, His-Tagged

Cat. No. RFL31310MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Glycerol-3-phosphate acyltransferase 4(Agpat6) Protein (Q8K2C8) (38-456aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (38-456)
Form	Lyophilized powder
AA Sequence	VSFGIRKLYMKTLTKIFAWATLRMERGAKERNHQLYKPYTNGIIAKDPTSLEEEIKEIR R SGSSKALDKTPEFELSDIFYFCRKG METIMDDEVTKRFS AEELESWNLLSRTNYNF QYIS LRLTILWGLGV LIRYCFLPLRLAL AFTGIGLLVVGTTMVG YLPNGRFKEFLSKH VHLMC YRICVRALTAITYHNRKNRPRNGGICVANHTSPIDV IILASDGY YAMVGQVH GGLMGVI QRAMVKACPHVWFERSEVKDRHLVAKRLTEHVQDKSKLPILIFPEGTCIN NTSVM MFKKG SFEIGATVYPVAIKYDPQFGDAFWNSSKYGMVTYLLRMMTSWAIV CSVWYLPPMTREKDE DAVQFANRVKSAIARQGLVDLLWDGGLKREKVKDTFKEE QQKLYSKMIVGNHEDRSRS
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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	Gpat4
Synonyms	Gpat4; Agpat6; Tsarg7; Glycerol-3-phosphate acyltransferase 4; GPAT4; 1-acylglycerol-3-phosphate O-acyltransferase 6; 1-AGP acyltransferase 6; 1-AGPAT 6; Acyl-CoA:glycerol-3-phosphate acyltransferase 4; Lysophosphatidic acid acyltransferase zeta; LPAAT-ze
UniProt ID	Q8K2C8