

Recombinant Full Length Danio Rerio Glycerol-3-Phosphate Acyltransferase 3(Agpat9) Protein, His-Tagged

Cat. No. RFL12105DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Glycerol-3-phosphate acyltransferase 3(agpat9) Protein (Q6DG38) (1-449aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-449)
Form	Lyophilized powder
AA Sequence	MEGAWDVAFVLLHVWMSIVAGLIVLPAMFGVSLGFTDIYIKLLVKTLEWATLRIQRGQ KE QPTLPLQLANGIIEKDDGSMEEEIVELRRSHPKNLAEGNFTLCDAYFCKKGIENI VEDQ VTQRFSSSEELASWNLLTRTNNNFRYISVRLTIIWGLGVFVRYCVLLPLRITLAVI GLSWL VIGTTLVGFLPNSKVKNWLSDLVHITCYRICARGLSATIRYHNKENRPKKGGI CVANHTS PIDIVILANDGCYAMVGQVHGGLMGVIQRSMVRSCPHVWFERSEMKDR HAVAKRLKDHIS DKTKLPILIFPEGTCINNTSVMFMFKKGSFEFGGTIYPVAIKYDPRFG DAFWNSAKYNMVS YILRMMTSWAIVCNVWYLPMTQQDGEDAVHFANRVKSAIAH QGGLVDLSWDGGLKRSKV KESFKEEQQKMYSSMIVGLDSHEATVGPA
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	gpat3
Synonyms	gpat3; agpat9; si:ch211-85e10.5; zgc:91857; Glycerol-3-phosphate acyltransferase 3; GPAT-3; 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 10; AGPAT 10; 1-acyl-sn-glycerol-3-phosphate O-acyltransferase 9; 1-AGP acyltransferase 9; 1-AGPAT 9; Lysophosphat
UniProt ID	Q6DG38