Recombinant Full Length Geobacillus Sp. Glycerol-3-Phosphate Acyltransferase(Plsy) Protein, His-Tagged

Cat. No. RFL33972GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geobacillus sp. Glycerol-3-phosphate acyltransferase(plsY) Protein (C5DAS3) (1-197aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geobacillus sp.
Source	E.coli
ProteinLength	Full Length (1-197)
Form	Lyophilized powder
AA Sequence	MEKALILITAYLLGSIPFALLVGKIGYGIDIREHGSGNLGGTNTFRVLGVKAGMIVTCG D MLKGTLAASLPVLFSVHIHPLLAGVCAVIGHTYPIFAKFRGGKAVATSAGVMLFYSP FLF VSLLTVFFIVLYISKYVSLSSMLAGVYAVIYTIFFTDDIPLMIAVSLLTAFIFYRHRAN I KRIVNKTEPKIKWLGRK
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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	plsY
Synonyms	plsY; GWCH70_1592; Glycerol-3-phosphate acyltransferase; Acyl-PO4 G3P acyltransferase; Acyl-phosphate--glycerol-3-phosphate acyltransferase; G3P acyltransferase; GPAT; Lysophosphatidic acid synthase; LPA synthase
UniProt ID	C5DAS3

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