

Recombinant Full Length Dehalococcoides Sp. Glycerol-3-Phosphate Acyltransferase 4(Plsy4) Protein, His-Tagged

Cat. No. RFL28721DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dehalococcoides sp. Glycerol-3-phosphate acyltransferase 4(plsY4) Protein (Q3ZW79) (1-232aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dehalococcoides mccartyi
Source	E.coli
ProteinLength	Full Length (1-232)
Form	Lyophilized powder
AA Sequence	MSPVFLIMIPAGYLVGAIPMAYLLSRWRRGIDIRRYGSGNVGASNVIKTAGKKLGLAV FV FDVSKGAIILLAGWLGLELWQQIVVGLLTIAGHNWPVFLRFNGGGRGIATSLGVAL VMAP VPALIALSTALTFGFFKKMAPGVFLGVGALPVMMSGYFHGFFGVQEHQTVTW GFAGLFLIM IVRRLMAPDSEYSSTVSKAELVFNRMFLDRDIRSRSVWINRNTAAHKE GLGI
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

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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

plsY4

Synonyms

plsY4; cbdbA1705; Glycerol-3-phosphate acyltransferase 4; Acyl-PO4 G3P acyltransferase 4; Acyl-phosphate--glycerol-3-phosphate acyltransferase 4; G3P acyltransferase 4; GPAT 4; Lysophosphatidic acid synthase 4; LPA synthase 4

UniProt ID

[Q3ZW79](#)

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