

Recombinant Full Length Metallosphaera Sedula Digeranylgeranylglyceryl Phosphate Synthase (Msed_1933) Protein, His-Tagged

Cat. No. RFL28540MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Metallosphaera sedula Digeranylgeranylglyceryl phosphate synthase (Msed_1933) Protein (A4YI21) (1-284aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Metallosphaera sedula
Source	E.coli
ProteinLength	Full Length (1-284)
Form	Lyophilized powder
AA Sequence	MNPFLKLVRIHNVIGAGLGAGFTGYVASSMWKIDPTELILAVLVVALVDAGGNAINDVY DV EIDRINKPDRPIPSGAVSLRTATSLSYGLMGVGVILSALQGYYLQFLVALLTSVALIF YAR DLKRTGIYGNLVVATATLSLFYGGLSYHEGDWLQRIWIPVLYTFLLTLSREIVK GIEDY RGDLANHVNTLATTRGIASAWRVARVALIITEVTSPPLPLFLGYNILYGIVLPFL YITTK AVLAETSEEGASKARSLLKGS AFLGMVAFALGSLPFQFLFHYLP
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	Msed_1933
Synonyms	Msed_1933; Digeranylgeranylglyceryl phosphate synthase; DGGGP synthase; DGGGPS; (S-2,3-di-O-geranylgeranylglyceryl phosphate synthase; Geranylgeranylglycerol-phosphate geranylgeranyltransferase
UniProt ID	A4YI21

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