

Recombinant Full Length Geobacter Metallireducens Undecaprenyl-Diphosphatase(Uppp) Protein, His-Tagged

Cat. No. RFL3176GF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geobacter metallireducens Undecaprenyl-diphosphatase(uppP) Protein (Q39QX7) (1-269aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geobacter metallireducens
Source	E.coli
ProteinLength	Full Length (1-269)
Form	Lyophilized powder
AA Sequence	MNPLHATV LGAIQGLTEVLPVSSSAHLILIPWLFGWPESGITFDVALHLGLTIALALYF R RDIAELV VNALSGLTGGAHSSATRLPWYIIAGCVPAAI V GKTLEEPIEAI FRANPAIIA A FLIGFGLLLALADTLGSKKSRMDQIDLKNAMMIGLAQCLALLPGVSRSGITITAALFL GF SRETAARFSFLLSLPIVAGAALLKVGH LVRHGVPEGELQPLLIGVGVSAVFGYVS VALLL KLVQRYSLYPFVWYRLLAGAGVLLFIFNQ
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 uppP

Synonyms uppP; Gmet_3133; Undecaprenyl-diphosphatase; Bacitracin resistance protein; Undecaprenyl pyrophosphate phosphatase

UniProt ID [Q39QX7](#)

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