

Recombinant Full Length *Pyrobaculum Aerophilum* Undecaprenyl-Diphosphatase(Uppp) Protein, His-Tagged

Cat. No. RFL11435PF **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Full Length <i>Pyrobaculum aerophilum</i> Undecaprenyl-diphosphatase(uppP) Protein (Q8ZYX0) (1-266aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Pyrobaculum aerophilum</i> |
| Source | <i>E.coli</i> |
| ProteinLength | Full Length (1-266) |
| Form | Lyophilized powder |
| AA Sequence | MDLGVAAILGVVQGISEWLPISSTQIMLVSIWLLNASPEYAYSLGLFLEAASVLAALI YFRGVYLKALRGFVGDAEGRRWLVIYLVTTTLVTAVVGLPLYYVARKWLVVGHSAGF LMIVLGLAVVLNAVFLQRARFSAGLKAFDNMSLRDMAIVGIAQAVSVLPGLSRSGAT VTALLLLG YKPEEAFRASVFLVPVAGLGATALAYLSEGGAVATAEALLAMAIGIVISIIT IKALLEFA KSKHVVLVNVVIGLLAIAGLLRIIF |
| 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; bacA; upk; PAE0576; Undecaprenyl-diphosphatase; Undecaprenyl pyrophosphate phosphatase

UniProt ID

[Q8ZYX0](#)

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