

Recombinant Full Length *Synechococcus* Sp. Atp Synthase Subunit A(Atpb) Protein, His-Tagged

Cat. No. RFL20966SF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length <i>Synechococcus</i> sp. ATP synthase subunit a(atpB) Protein (Q7U8X0) (1-241aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Synechococcus</i> sp. |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-241) |
| Form | Lyophilized powder |
| AA Sequence | MALLPFPLPFAELEVGHHLYWQIGDLYLHGQVFLSSWILIGILLVVLVLAGTRNMQRDP LG LQNILLEFLWNFIRDARDNIGEKYYRDWLPFIGTLFLFIFISNWGGALIPWKIIELPE GE LGAPTADINTTVAMALLVSLAYFYAGLSRKGLRFFELYVEPTPIMLPFKIIIEFTKP LSL SFRLFGNILADELAVGVLVYLVPLLVPVLLGLFTSAIQALIFATLTAFYIGEGL HEA H |
| 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

atpB

Synonyms

atpB; atpI; SYNW0489; ATP synthase subunit a; ATP synthase F0 sector subunit a; F-ATPase subunit 6

UniProt ID

[Q7U8X0](#)

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