

# Recombinant Full Length Atp Synthase Subunit C, Organellar Chromatophore(atpE) Protein, His-Tagged

**Cat. No.** RFL10495PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length ATP synthase subunit C, organellar chromatophore(atpE) Protein (B1X3Y2) (1-82aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Paulinella chromatophora   |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-82)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MSDLTSAASVLAALAVGLAAIGPGIGQGTAAGSAVEGIARQPEAEGKIRGTTTTLSLAFM EALTIYGLVVALVLLFANPFVK  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.   |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0  |

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**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**

atpE

**Synonyms**

atpE; atpH; PCC\_0201; ATP synthase subunit C, organellar chromatophore; ATP synthase F0 sector subunit C; ATPase subunit III; Lipid-binding protein

**UniProt ID**[B1X3Y2](#)

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