

## Recombinant Full Length Atp Synthase Subunit C, Cyanelle(atpe) Protein, His-Tagged

Cat. No. RFL20559CF Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length ATP synthase subunit C, cyanelle(atpE) Protein (P48086) (1-81aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Cyanophora paradoxa  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-81)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MDATVSAASVIAAALAVGLAAIGPGIGQGTAAGQAVEGIARQPEVDGKIRGTTTTLSLAFM EALTIYGLVVALALLFANPFV  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Applications</b>     | 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.                                   |

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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** atpE

**Synonyms** atpE; atpH; ATP synthase subunit C, cyanelle; ATP synthase F0 sector subunit C; ATPase subunit III; Lipid-binding protein

**UniProt ID** [P48086](#)

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