

# Recombinant Full Length Prochlorococcus Marinus Subsp. Pastoris Atp Synthase Subunit A(Atpb) Protein, His-Tagged

**Cat. No.** RFL2053PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Prochlorococcus marinus subsp. pastoris ATP synthase subunit a(atpB) Protein (Q7V032) (1-241aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Prochlorococcus marinus   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length (1-241)   |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | MFLNSLPTNFAALEVGGHLYWQIGNIRLHGQVFLTSWILLGALLVFISVGTKKMENDP<br>KG LQNLLEFLWDYIRDLSRTQIGEKVYRDWMPFIGTLFLFVFSNWGGALIPWRLIK<br>LPSGE LGAPTADINTTIALALLVLSYFYAGLSNKGWRYFEYYVHPTPIMLPFKILED<br>TKPLSL SFRLFGNILADELVVGVLVFLVPLVLPVPMFLGLFTSAIQALIFATLAAYYIGE<br>AVEEH H |
| <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   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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** atpB

**Synonyms** atpB; atpI; PMM1456; ATP synthase subunit a; ATP synthase F0 sector subunit a; F-ATPase subunit 6

**UniProt ID** [Q7V032](#)

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