

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

**Cat. No.** RFL4235SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length <i>Synechococcus</i> sp. ATP synthase subunit a(atpB) Protein (P08444) (1-249aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .   |
| <b>Species</b>          | <i>Synechococcus</i> sp.   |
| <b>Source</b>           | <i>E. coli</i>   |
| <b>ProteinLength</b>    | Full Length (1-249)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MPTLLELSSVLPLAELEVGQHFYWQIGNYRLHGQVFLTSWFVIAALVVLSLLANRNL<br>QRI PSQLQNFMEYVLDFIRNLARTQIGEKEYRPWVPPFIGTLFLFIFLSNWSGALIPWK<br>LIKLP SGELAAPTSDINTTVALALLTSLAYFYAGFSRKGLGYFGNYVHPTPVMLPFKIL<br>EDFTKP LSLSFRLFGNILADELVVAVLVLLVPLFVPLPAMILGLFTSAIQALIFATLAAS<br>YIGEAV EEHGEEHAE |
| <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.  |

 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

|                |  |
|----------------|--|
| <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 |
|-----------------------|---|

|                       |   |
|-----------------------|---|
| <b>Reconstitution</b> | 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

|                  |      |
|------------------|------|
| <b>Gene Name</b> | atpB |
|------------------|------|

|                 |   |
|-----------------|---|
| <b>Synonyms</b> | atpB; atpI; syc1182_c; ATP synthase subunit a; ATP synthase F0 sector subunit a; F-ATPase subunit 6 |
|-----------------|---|

|                   |                        |
|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">P08444</a> |
|-------------------|------------------------|

 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