

# Recombinant Full Length Prochlorococcus Marinus Psbf-Like Protein(Pro\_1494) Protein, His-Tagged

**Cat. No.** RFL5063PF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Prochlorococcus marinus PsbF-like protein(Pro_1494) Protein (Q7VAG9) (1-96aa), 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 (1-96)                                                                                                                                            |
| <b>Form</b>             | Lyophilized powder                                                                                                                                            |
| <b>AA Sequence</b>      | MVLKTLIVIAPIILIAAFSTIFWLSYWG VF KWEDNQLGFENYQDWEDSGVIPENRPKGG<br>YP VFTVRTLAVNALGIPTVF FLGAIFAMQFVRRGIFIA                                                     |
| <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  | Pro_1494                    |
| Synonyms   | Pro_1494; PsbF-like protein |
| UniProt ID | <a href="#">Q7VAG9</a>      |