

# Recombinant Full Length *Acaryochloris Marina* Photosystem II Reaction Center Protein Z(Psbz) Protein, His-Tagged

Cat. No. RFL16176AF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length <i>Acaryochloris marina</i> Photosystem II reaction center protein Z(psbZ) Protein (B0C0S7) (1-62aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>Acaryochloris marina</i>  |
| <b>Source</b>           | <i>E. coli</i>   |
| <b>Protein Length</b>   | Full Length (1-62)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MSVLFQLLIAAFVALSFAMIIGVPVVFSTGDASDDANKLIWGGAAAWVLLFVAALASIV VI   |
| <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 multiple 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**

psbZ

**Synonyms**

psbZ; AM1\_1011; Photosystem II reaction center protein Z; PSII-Z

**UniProt ID**

[B0C0S7](#)

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