

# Recombinant Full Length Prochlorococcus Marinus Cytochrome B6-F Complex Iron-Sulfur Subunit(PetC) Protein, His-Tagged

**Cat. No.** RFL15763PF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Prochlorococcus marinus Cytochrome b6-f complex iron-sulfur subunit(petC) Protein (Q31C72) (1-178aa), 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 (1-178)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MTQLSSNDVPSMGRRQFMNLLTFGTATGVALGALYPVANYFMPLRAGGGGGTSA KDELG NPVTKTGWLATHQAGDRSLVQGLKGDPTYLIVNEGGEIGEFGLNAICTHLG CVVPWDSGA NKFICPCHGSQYDTNGKVVRGPAPLSLALAHVDIEDDAVLVKQWSE TDFRTNENPWWA
<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

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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**

petC

**Synonyms**

petC; PMT9312\_0462; Cytochrome b6-f complex iron-sulfur subunit;  
Plastohydroquinone:plastocyanin oxidoreductase iron-sulfur protein; ISP; RISP;  
Rieske iron-sulfur protein

**UniProt ID**

[Q31C72](#)

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