

Recombinant Full Length Prochlorococcus Marinus Photosystem I Reaction Center Subunit Iii(Psaf) Protein, His-Tagged

Cat. No. RFL9760PF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Prochlorococcus marinus Photosystem I reaction center subunit III(psaF) Protein (Q9X7I4) (24-183aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Prochlorococcus marinus |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (24-183) |
| Form | Lyophilized powder |
| AA Sequence | AGEAVNADRAATDFTASALTTCSENTRFNERASQATTPKDIARFERYSKASCGDDG LPHL VIAATIEPWGALANRHHEGDILIPGHIFIYVAGIIGWSGREYLRASKKTKNPAEN EIIID FALARQCLIKGAAWPVEANKQGRSGDLREKDENISLNGPR |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |

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| Storage Buffer | 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**

psaF

Synonyms

psaF; Pro_0467; Photosystem I reaction center subunit III; PSI-F

UniProt ID

Q9X714

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