

Recombinant Full Length Photosystem Q(B) Protein Protein, His-Tagged

Cat. No. RFL29684PF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Photosystem Q(B) protein Protein (P15191) (1-344aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Prochlorothrix hollandica |
| Source | E.coli |
| ProteinLength | Full Length (1-344) |
| Form | Lyophilized powder |
| AA Sequence | MTTALRQRESANAWEQFCQWIASTENRLYVGWFGVIMIPTLLTATICFIIAFIAAPPVD I DGIREPVAGSLMYGNNIISGAVVPSSNAIGLHFYPIWEAASMDEWLYNGGPYQLVV FHFL IGIFCYMGREWELSYRLGMRPWICVAYSAPVAAATAVFLIYPLGQGSFSDGM PLGISGTF NFMLVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLVRETS ENESQNYGYKFG QEEETYNIVAAAHGYFGRLIFQYASFNNSRALHFFLAAWPVVGIW FTSLGISTMAFNLNGF NFNQSVMSQGRVISTWADILNRANLGFEVMHERNAHNFP LDLA |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Applications | SDS-PAGE |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C |

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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.

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

psbA1

Synonyms

psbA1; psbA-I; psbA2; psbA-II; Photosystem II protein D1; PSII D1 protein; Photosystem II Q(B protein)

UniProt ID

[P15191](#)

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