Recombinant Full Length Cyanothece Sp. Cytochrome B6-F Complex Subunit 4(Petd) Protein, His-Tagged

Cat. No. RFL9861CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cyanothece sp. Cytochrome b6-f complex subunit 4(petD) Protein (B7K1G0) (1-160aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Cyanothece sp.
Source	E.coli
ProteinLength	Full Length (1-160)
Form	Lyophilized powder
AA Sequence	MSIQKKPDLSDPKLRAKLAQGMGHNYYGEPAWPNDLLYVFPVVILGTIGLVTALAVL DPA LVGEPADPFATPLEILPEWYLYPVFQILRILPNKLLGIACQAAIPLGLMLVPFIESV NKF QNPFRRPVATAVFLFGTVVTLWLGAGATFPIDKSLTLGLF
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.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	petD
Synonyms	petD; PCC8801_3537; Cytochrome b6-f complex subunit 4; 17 kDa polypeptide
UniProt ID	B7K1G0

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