

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

Cat. No. RFL19259EF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Full Length Cytochrome b6-f complex subunit 4, chloroplastic(petD) Protein (Q84TU6) (15-173aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Euglena gracilis |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (15-173) |
| Form | Lyophilized powder |
| AA Sequence | NVMKKPDLSDPKLRAKLAKGMGRNYYGEPAWPNDLLYMFPVCILGTFAAIVGLAVM QPTP TGEPANPFATPLEILPEWYFFPTFNLLRVIPNKLLGVLSMAAVPAGLITVPIEN VNKFQ NPFRRPVATSVFLLGTVVAIWLGIGATLPIDKAISLGFW |
| 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 |

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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

petD

Synonyms

petD; Cytochrome b6-f complex subunit 4, chloroplastic; 17 kDa polypeptide; Fragment

UniProt ID

[Q84TU6](#)

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