

Recombinant Full Length Spinacia Oleracea Cytochrome B6-F Complex Iron-Sulfur Subunit, Chloroplastic(Petc) Protein, His-Tagged

Cat. No. RFL31558SF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length Spinacia oleracea Cytochrome b6-f complex iron-sulfur subunit, chloroplastic(petC) Protein (P08980) (52-230aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Spinacia oleracea (Spinach) |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (52-230) |
| Form | Lyophilized powder |
| AA Sequence | ATSIPADNVPDMQKRETLNLLLLGALS LPTGYMLLPYASFFVPPGGGAGTGGTIAKD ALG NDVIAAEWLKTHAPGDRTLQGLKGDPTYLVVESDKTLATFGINAVCTHLGCVV PFNAAE NKFICPCHGSQYNNQGRVVRGPAPLSLALAHCDVDDGKVVFPWTETDF RTGEAPWWSA |
| 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 |

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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; Cytochrome b6-f complex iron-sulfur subunit, chloroplastic;
Plastohydroquinone:plastocyanin oxidoreductase iron-sulfur protein; Rieske iron-sulfur protein; ISP; RISP

UniProt ID

[P08980](#)

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