

# Recombinant Full Length Synechococcus Sp. Cytochrome C Biogenesis Protein Ccsb(Ccsb) Protein, His-Tagged

**Cat. No.** RFL21974SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Synechococcus sp. Cytochrome c biogenesis protein CcsB(ccsB) Protein (A5GV87) (1-434aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Synechococcus sp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Full Length (1-434)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MKSLVLKAAAWLSDLRVAIVLLLLIAACSGLGTAIPQGEPAAFYHERYDAAPWLGVVN<br/> GN QLLSWELDHLITSNWFLLLLAWLGLALLLCSLRRQWPALRASLRWLDYTKPRQL<br/> SKLAVA TSLDTGDSAAALDQLERQLQQQGWAVRRQQNRLAARRGVIGRVGPLL VH<br/> TGLIVFMVGAV VGAFGGQRLERFLAPGRSLELLNPQGDTRLELQLDSFAIQRPAG<br/> RPEQFSSQLLLRDGT GAPAQPAAVSVNHPLRHRGITVYQADWGLAAVTMQLGQSP<br/> LLQLPLQTFPELGEQVWGLV LPTRPDGSDPVLLALQSELGPVEVYGADSQQLGLLT<br/> VGGESQEILGLPLRIADVMPASGL LIKRDPGVPLVYAGFAITLLGGGLSLIATRQLWAI<br/> SESGRLHIAGLCNRNLVAFADLPK LGSSAITGAPHDAR</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                                                                                           |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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**

ccsB

**Synonyms**

ccsB; ccs1; SynRCC307\_1893; Cytochrome c biogenesis protein CcsB

**UniProt ID**

[A5GV87](#)

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