

Recombinant Full Length Synechocystis Sp. Cobalamin Synthase(Cobs) Protein, His-Tagged

Cat. No. RFL36996SF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Synechocystis sp. Cobalamin synthase(cobS) Protein (Q55714) (1-260aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Synechococcus sp. |
| Source | E.coli |
| ProteinLength | Full Length (1-260) |
| Form | Lyophilized powder |
| AA Sequence | MEWWRRWYFLWGGDSVGAAILFYTRLPPSWPVNFDRIARWITLMGLLLSLILLA LDRG LHWLGMDNLLQSAVVVSLWLALTGGLHLDGVADTADGLAVTNPSKRLAVMQ DSYTGAYGV MAIAVLLLLKTFALASFSDHGLASWALIMALGWGRWGQLLAIALYPYL RENGKGAMHKRN LKLRPDLGGTMIIVFGGVGMGYALAIEPWLILGATGSSALIAWA VGRWFAQQFKGHTGD TYGAVVEWSEVILLGLSLV |
| 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. |

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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 cobS

Synonyms cobS; slr0636; Adenosylcobinamide-GDP ribazoletransferase; Cobalamin synthase; Cobalamin-5'-phosphate synthase

UniProt ID [Q55714](#)

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