Recombinant Full Length Synechococcus Elongatus Atp Synthase Subunit B'(Atpg) Protein, His-Tagged

Cat. No. RFL14360SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Synechococcus elongatus ATP synthase subunit b'(atpG) Protein (Q31RF4) (1-158aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Synechococcus elongatus
Source	E.coli
ProteinLength	Full Length (1-158)
Form	Lyophilized powder
AA Sequence	MNAWMILAAEAVQEAEGGLFDLDATLPLMAVQILVLVFLLNAVFYKPFGKVLDDRDQ FVR GGRQDAKARLAEVKALTAQYEQELAATRKQSQALIAEAQTEAGRIAAQQLAEA QREAQAQ REQAQQEIDQQKAVALQALDQQVDALSHQILDKLLARA
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	atpG
Synonyms	atpF2; atpG; Synpcc7942_0333; ATP synthase subunit b'; ATP synthase F(0 sector subunit b'; ATPase subunit II; F-type ATPase subunit b'; F-ATPase subunit b'
UniProt ID	Q31RF4

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