



Recombinant *Synechococcus elongatus* FO synthase subunit 1 (cofG)

Product Code	CSB-EP657425FPY-B
Abbreviation	cofG
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q31PU7
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MKHFSDQ TWR SPQQSAVITY SPAYTLVPTY ECFNRCTYCN FRRDPGMDEW LSLSTAQQRL LTVRDRGVCE VLILSGEVHP QSPRRAAWRQ RLIELAELAL DMGFLPHTNA GPLNRAEMIA LQNVNVS LGL MLEQLTPQLQ RTVHRAAPSK DPQLRLQQLE QAGELGIPFT TGLLLGIGET SRDRLETLEA IAACHDRWGH IQEVILQPHS PGRQQAIQHP PLAPDELIDC VAIARQVLPT SIAIQVPPNL LTQPQQ LADC LGAGARDLGG IVPYDEVNPD YQHHDLDDEL R EALAQQGWQL QPRLPVYPHL VDRLPQRLQT HVAAWLNRFN SQSRSS
Source	E.coli
Target Names	cofG
Protein Names	Recommended name: FO synthase subunit 1 EC= 2.5.1.77 Alternative name(s): 7,8-didemethyl-8-hydroxy-5-deazariboflavin synthase subunit 1
Expression Region	1-336
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.