



Recombinant *Synechococcus elongatus* Elongation factor Tu (tuf)

Product Code	CSB-EP025342FPY-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P33171
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MARAKFERTK PHANIGTIGH VDHGKTTLTA AITTVLAKAG MAKARAYADI DAAPEEKARG ITINTAHVEY ETGNRHYAHV DCPGHADYVK NMITGAAQMD GAILVVSAAD GPMPQTREHI LLAQKQGVN IVVFLNKEDM VDDAELLELV ELEVRELLSS YDFPGDDIPI VAGSALQALE AIQGGASGQK GDNPWVDKIL KLMEEVDAYI PTPEREVDRP FLMAVEDVFT ITGRGT VATG RIERGSVKVG ETIEIVGLRD TRSTTVTGVE MFQKTLDEGL AGDNVGLLLR GIQKTDIERG MVLAKPGSIT PHTKFESEVY VLKKEEGGRH TPFFPGYRPQ FYVRTT DVTG AISDFTADDG SAAEMVIPGD RIKMTVELIN PIAIEQGMRF AIREGGRTIG AGVVS KILQ
Source	E.coli
Target Names	tuf
Protein Names	Recommended name: Elongation factor Tu Short name= EF-Tu
Expression Region	1-409
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.