



Recombinant *Synechococcus* sp. Elongation factor Tu (tuf)

Product Code	CSB-EP025342SVB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A5GW14
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus</i> sp. (strain RCC307)
Purity	>85% (SDS-PAGE)
Sequence	MAREKFERNK PHVNIGTIGH VDHGKTTLTA AITNVLAKKG QAQVQNYADI DGAPEERERG ITINTAHVEY ETDTRHYAHV DCPGHADYVK NMITGAAQMD GAILVCAATD GPMAQTKEHI LLAQVGVPA LVVALNKCDM VDDEELIELV EMEIRELLSS YDFPGDDIPV VQVSGLKAIE GEAWEAKID ELMAAVDANI PEPVREVDKP FLMAVEDVFS ITGRGTVATG RIERGIVKVG EEIEIVGIKD TRKSTVTGVE MFRKLLDEGM AGDNVGLLLR GIQKEDIERG MVLVKPGSIT PHTKFEGEVY VLKKEEGGRH TPFFAGYRPQ FYIRTTDVTG QITAFTRDGD GNVEMVMPGD NIKMTGELIC PVAIEQGMRF AIREGGRTIG AGVVTKIIE
Source	E.coli
Target Names	tuf
Protein Names	Recommended name: Elongation factor Tu Short name= EF-Tu
Expression Region	1-399
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.