



Recombinant Prochlorococcus marinus Elongation factor Tu (tuf)

Product Code	CSB-MP025342PZD
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8G708
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus (strain MIT 9215)
Purity	>85% (SDS-PAGE)
Sequence	MAREKFERNK PHVNIGTIGH VDHGKTTLTA AITNVLAKKG QAQAQDYGDI DGAPEERERG ITINTAHVEY ETEGRHYAHV DCPGHADYVK NMITGAAQMD GAILVCAATD GPMAQTKEHI LLAQKQGVPA LVVALNKCDM VDDEEIIELV EMEIRELLDS YDFPGDDIPI VQVSGLKALE GDSTWESKIE ELMKAVDASI PEPEREVDKP FLMAVEDVFS ITGRGTVATG RIERGKVKVG EEVEIVGIRD TRLTTVTGVE MFRKLLDEGM AGDNVGLLLR GVQKEDIERG MVLVKKGSIT PHTQFEGEVY VLKKEEGGRH TPFFAGYRPQ FYIRTTDVTG QITAFTSDDG SNVEMVMPGD RIKMTGELIC PVAIEQGMRF AIREGGRTIG AGVVSKIHK
Source	Mammalian cell
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.