



# Recombinant Elongation factor Tu (tuf)

<b>Product Code</b>	CSB-EP727797SRW
<b>Abbreviation</b>	tuf
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q67JU1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Symbiobacterium thermophilum (strain T / IAM 14863)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAKQRFERTK PHVNIGTIGH VDHGKTTTLTA AITKVLAEKG KAQFMAYDAI DKAPEERERG ITINTSHVEY ETDARHYAHV DCPGHADYVK NMITGAAQMD GAILVVSAAAD GPMPQTREHI LLARQVGVPA IVVFLNKCDM VDDEELLELV ELEVRELLNQ YEFPGDEIPF IRGSALKALE GDPKYVKAIE ELMDAVDSYI PTPQRDADKP FLMPIEDVFT ITGRGTVV TG RVERGKCKVG DQVEIVGLRE ESKTTVV TGL EMFRKILDEV QAGDNV GALL RGIEKKEVER GQVLAKPGSI KPHTKFSGAI YVLTKEEGGR HSPFFNGYRP QFYFR TTDVT GTIKLPEGVE MVMPGDNVEI AVELIHPIAI EEGLRFAVRE GGRTVASGRV TKVSE
<b>Source</b>	E.coli
<b>Target Names</b>	tuf
<b>Protein Names</b>	Recommended name: Elongation factor Tu Short name= EF-Tu
<b>Expression Region</b>	1-395
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.