



Recombinant *Methylococcus capsulatus* Elongation factor Tu (tuf1)

Product Code	CSB-EP723324MFM
Abbreviation	tuf1
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.	Q605B0
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MSKEKFTRTK PHVNVGTIGH VDHGKTTLTA ALTKCMAAKF GGEFKAYDQI DAAPEERARG ITIATAHVEY ESAARHYAHV DCPGHADYVK NMITGAAQMD GAILVVSAAD GPMPQTREHI LLARQVGVPY IVVFLNKADM VDDPELLELV EMEVRELLSK YDFPGDDIPI IKGSALKALE GDGSEIGVPA VEALVQALDD YIPEPERAID RPFLMPIEDV FSISGRGTVV TGRVERGIK VGEEIEIVGI RPTAKTTCTG VEMFRKLLDQ GQAGDNIGVL LRGTKREDVE RGQVLAKPGS ITPHTHFEAE IYVLSKEEGG RHTPFFNGYR PQFYFRTTDV TGAVTLPEGV EMVMPGDNVK IEVKLIPIA MDEGLRFAVR EGGRTVGAGV VSKIIE
Source	E.coli
Target Names	tuf1
Protein Names	Recommended name: Elongation factor Tu Short name= EF-Tu
Expression Region	1-396
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.