



Recombinant Elongation factor Tu (tuf)

Product Code	CSB-EP726333SMZ-B
Abbreviation	tuf
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q5XD49
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MAKEKYDRSK PHVNIGTIGH VDHGKTTTLTA AITTVLARRL PSSVNQPKDY ASIDAAPEER ERGITINTAH VEYETATRHY AHIDAPGHAD YVKNMITGAA QMDGAILVVA STDGMPQTR EHILLSRQVG VKHLIVFMNK VDLVDDEELL ELVEMEIRDL LSEYDFPGDD LPVIQGSALK ALEGDTKFED IIMELMDTVD SYIPEPERDT DKPLLLPVED VFSITGRGTV ASGRIDRGTV RVNDEIEIVG IKEETKKAVV TGVEMFRKQL DEGLAGDNVG ILLRGVQRDE IERGQVIKAP GSINPHTKFK GEVYILSKDE GGRHTPFNN YRPQFYFRRT DVTGSIELPA GTEMVMPGDN VTINVELIHP IAVEQGTTF SIREGGRTVGS GIVSEIEA
Source	E.coli
Target Names	tuf
Protein Names	Recommended name: Elongation factor Tu Short name= EF-Tu
Expression Region	1-398
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>