



Recombinant *Chloroflexus aurantiacus* Elongation factor Tu (tuf1)

Product Code	CSB-YP025342DSX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A9WFP3
Product Type	Recombinant Protein
Immunogen Species	<i>Chloroflexus aurantiacus</i> (strain ATCC 29366 / DSM 635 / J-10-fl)
Purity	>85% (SDS-PAGE)
Sequence	MAKQKFERTK PHINVGTIGH VDHGKTTLTA AITKVLSLKG AAQFMAYDQI DNAPEERARG ITIAIRHVEY QTDKRHYAHV DCPGHADYIK NMITGAAQMD GAILVVSAPD GPMPQTREHI LLARQVQVPA IVVFLNKVDM MDDPELLELV ELELRELLSK YGFPGDEIPI VRGSARNALE SPSKDINAPE YKCILELMNA VDEYIPTPQR AVDQPFLMPI EDVFGIKGRG TVVTGRIERG KVKVGDTVEI VGMTNDAPRR TVVTGVEMFQ KTLDEGIAGD NVGCLLRGIE RTDVERGQVL CAPGSIKPHK KFEAQVYVLK KEEGGRHTPF FSGYRPQFYI RTTDVTGAIG LPAGMEMVMP GDNVVMTEI IVPVAIEEGL RFAIREGGRT VGAGVVTKIL D
Source	Yeast
Target Names	tuf1
Protein Names	Recommended name: Elongation factor Tu Short name= EF-Tu
Expression Region	1-401
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.