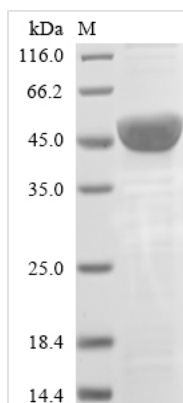




Recombinant *Xanthomonas oryzae* pv. *oryzae*

Elongation factor Tu (tuf)

Product Code	CSB-EP2860XBC
Abbreviation	Recombinant <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> tuf protein
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.	A0A0J9WWH0
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (strain PXO99A)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MNVGTIGHVDH GKTTLTAA LTKIGAERFGGEFKAYDAIDAAPEEKARGITISTAH VEYESPSRHYAHVDCPGHADYVKNMITGAAQMDGAILVCSAADGMPMQTREH ILLSRQVGVP HIVVFLNKADMVDDAELLELVEME VRELLSKYDFPGDDTPIIHGS ARLALDGDQSEIGVPAILKLVDALDTFIPEPTRDVRPFLMPVEDVFSISGRGTV VTGRIERGIKVGDEIEIVGIRATQKTTVTGVEMFRKLLDQGGAGDNAGLLLRGT KRDDVERGQVLCKPGSIKPHTFEAEVYVLSKDEGGRHTPFKGYRPQLYFR TTDITGAIDLPEGVEMVMPGDNVKMTVTLINPVAMDEGLRFAIREGGRTVGAG VVSKIHK
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	tuf
Expression Region	1-384aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	47.7 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Constructing a plasmid that codes for the *Xanthomonas oryzae* pv. *oryzae* (strain PXO99A) tuf protein (1-384aa) initiates the generation of the recombinant *Xanthomonas oryzae* pv. *oryzae* (strain PXO99A) tuf protein. The constructed plasmid is transformed into 1-384aa cells. Positive *e.coli* cells are selected and then cultured under conditions that encourage the expression of the gene of interest. The protein is equipped with a N-terminal 10xHis tag. After that, affinity purification is employed to isolate and purify the recombinant tuf protein from the cell lysate. The purity of the resulting recombinant tuf protein is over 85%, determined by SDS-PAGE.

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.