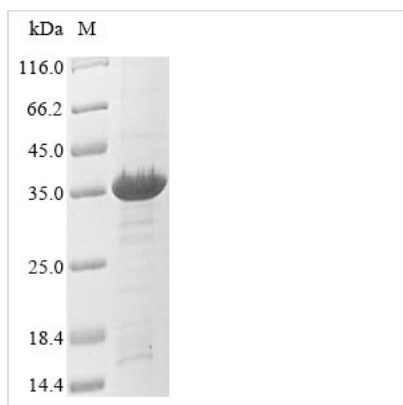


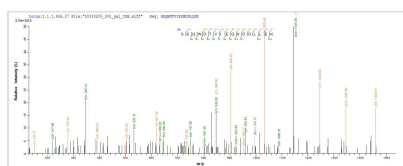


Recombinant Staphylococcus aureus Tetracycline resistance protein tetM (tetM), partial

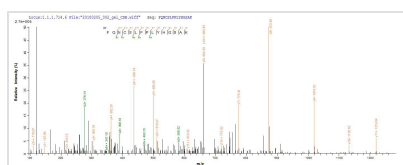
Product Code	CSB-EP687481FKZ
Relevance	Abolishes the inhibitory effect of tetracyclin on protein synthesis by a non-covalent modification of the ribosomes.
Abbreviation	Recombinant Staphylococcus aureus tetM protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, 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.	Q53770
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MKIINIGVLAHVDAKGKTTLTESLLYNSGAITELGSVDKGTTRTDNTLLERQRGITI QTGITSFQWENTKVNIDTPGHMDFLAEVYRSLSVLDGAILLISAKDFVQAQTRI LFHALRKMGIPTIFFINKIDQNGIDLSTVYQDIKEKLSAEIVIKQKVELYPNMCVTN FTESEQWDTVIEGNDLLEKYMSGKSLEALELEQEESESIRFQNCSLFPLYHGSA KSNIGIDNLIEVITNKFYSST
Research Area	Others
Source	E.coli
Target Names	tetM
Protein Names	tetA(M)
Expression Region	1-242aa
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 and C-terminal Myc-tagged
Mol. Weight	32.1 kDa
Protein Length	Partial
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP687481FKZ could indicate that this peptide derived from E.coli-expressed *Staphylococcus aureus tetM*.



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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.