



Recombinant Anaplasma marginale Trigger factor (tig)

Product Code	CSB-EP735431AAAC-B
Abbreviation	tig
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.	Q5PBD1
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	MQRFYVVKEV LSDKLRVYE FTVGNEYLEQ QVDDRLREIA ANVRMDGFRK GKVSLLDLVRR NCGEDVVREV LSKVVDDASS QFMQEGGFGD VVTSEVRITS HPKVCSTEGK GGDLVYELQF ELMPEVPSIN PEEIALKEME AEIGQEDVVK FIGELKTRYP NFVASDSPKQ RAAAGDKVVI DYNSSFKGKA LRGGSAGGFV AVLGGGHLPK EFEDKITGMK VGDVKEFKLG FPSDYRVRLF AGKEVEMSVK LVSIMVPKDV GDHEELAKSC GFGCAEDMVN FATESLKGRF AFMSDALMRK ELFDHMETIY QGQVPESVVS QESARIRREL APSELEAMGE DGILKEAERR VRLGMLLMKV SQDNNIAVEA RDISAFVQSN YLNYGASLES VLKLLRSNQG VRDHIRGKVL EDKVVRYMVA KAKKERQNVP AGDLKSLFES I
Source	E.coli
Target Names	tig
Protein Names	Recommended name: Trigger factor Short name= TF EC= 5.2.1.8 Alternative name(s): PPlase
Expression Region	1-441
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.