



Recombinant *Synechococcus elongatus* Trigger factor (tig)

Product Code	CSB-EP835909FPY-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.	Q935Z3
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	≥85% (SDS-PAGE)
Sequence	MSIKVTQEKL PASRVGLQIE VSGEQSRQVY ERTLRLSRE VRFPGFPRPGK VPRPVLIQRL GETALKANAI EDLVQQSLES AIAQESIPAI GNYQLSSDFE TLVAAFQPGE SFSFEASVDV QPTATLAQYT GLTVEVAEVP FDANRVDNVL AEQQKQMATL VPVEGRNAAI GDVAVIDFQG ILVESGEEIP GSGTDFQIE VEEDRFIPGF ISGIVGMAIE ETRTVDATFP ETYAQEEVAG KAAQFTITLK ELKTRDLPEL DDAFAQEASQ YETIEELKTA LTERFQAEHE SEVKASKRDA ILTALADQLD VEIPESLLQR EISAMINETA SRLSGQGMDV RKLFTTEEVLE RLRENSKDEA EQRLRRTIAL GELAKVTETQ VDDEAVKARA AELLSNYPRP QEIDRDRLNT VVREELLEDK LLEWFEANNS VTFVAPKAAE TEVDAASATV ETTATETAEE APEAPKAKKG KKKA
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	1-474
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.