



# Recombinant Clostridium tetani Tetanus toxin (tetX), partial

<b>Product Code</b>	CSB-YP356416CMN
<b>Storage</b>	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.
<b>Uniprot No.</b>	P04958
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Clostridium tetani (strain Massachusetts / E88)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	PITINNFY SDPVNNDTII MMEPPYCKGL DIYYKAFKIT DRIWIVPERY EFGTKPEDFN PPSSLIEGAS EYYDPNYLRT DSDKDRFLQT MVKLFNRIKN NVAGEALLDK IINAIPYLG N SYLLDKFDT NSNSVSFNLL EQDPSGATTK SAMLTNLIIF GPGPVLNKNE VRGIVLRVDN KNYFPCRDGF GSIMQMAFCP EYVPTFDNVI ENITSLTIGK SKYFQDPALL LMHELIHVLH GLYGMQVSSH EIIPSKQEIY MQHTYPISAE ELFTFGGQDA NLISIDIKND LYEKTLDYK AIANKLSQVT SCNDPNIDID SYKQIYQQKY QFDKDSNGQY IVNEDKFQIL YNSIMYGFE IELGKKFNIK TRLSYFSMNH DPVKIPNLLD DTIYNDTEGF NIESKDLKSE YKGQNM RVNT NAFRNVDGSG LVSKLIGLCK KIIPPTNIRE NLYNRTA
<b>Source</b>	Yeast
<b>Target Names</b>	tetX
<b>Protein Names</b>	Recommended name: Tetanus toxin EC= 3.4.24.68 Alternative name(s): Tentoxylisin Cleaved into the following 2 chains: 1. Tetanus toxin light chain Short name= 2. Tetanus toxin chain L 3. Tetanus toxin heavy chain Short name= 4.
<b>Expression Region</b>	2-457
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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