

Tetanus toxin (tetX) Recombinant Protein | tetX recombinant protein

Recombinant Clostridium tetani Tetanus toxin (tetX), partial

CATALOG # AAA233481	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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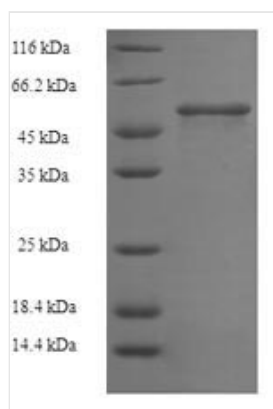
PRODUCT SYNONYMS

Tetanus toxin (tetX); Recombinant Clostridium tetani Tetanus toxin (tetX); partial; tetX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	123-573. Partial-length
Sequence	SLLDKFDTNS NSVSFNLLEQ DPSGATTKSA MLTNLIIFGP GPVLNKNEVR GIVLRVDNKN YFPCRDGFGS IMQMAFCPEY VPTFDNVLEN ITS LTIGKSK YFQDPALLM HELIHVLHGL YGMQVSSHEI IPSKQEIMQ HTYPISAEEL FTFGGQDANL ISIDIKNDLY EKTLNDYKAI ANKLSQVTSC NDPNIDISY KQIYQQKYQF DKDSNGQYIV NEDKFQILYN SIMYGFEIE LGKKFNIKTR LSYFSMNHDP VKIPNLLDDT IYNDTEGFNI ESKDLKSEYK GQNMVRVNTNA FRNVDGSGLV SKLIGLCKKI IPPTNIRENL YNRTASLTDL GGELCIKIKN EDLTFIAEKN SFSEEPFQDE IVSYNTKNKP LNFNYSLDKI IVDYNLQSKI TLPNDRTPV TKGIPYAPEY KSNAASTIEI HNIDDNTIYQ YLYAQKSPTT L
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for tetX recombinant protein	Tetanus toxin acts by inhibiting neurotransmitter release. It binds to peripheral neuronal synapses, is internalized and moves by retrograde transport up the axon into the spinal cord where it can move between postsynaptic and presynaptic neurons. It inhibits neurotransmitter release by acting as a zinc endopeptidase that catalyzes the hydrolysis of the '76-Gln-[Phe-77' bond of synaptobrevin-2.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	55.4 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tetanus-toxin-tetx-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/233481>