

Botulinum neurotoxin type E Recombinant Protein | BXE recombinant protein

Recombinant Clostridium butyricum Botulinum neurotoxin type E

CATALOG # AAA309750	HOST E Coli	REACTIVITY CLOBU
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PRODUCT SYNONYMS

Botulinum neurotoxin type E; Recombinant Clostridium butyricum Botulinum neurotoxin type E; BXE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	CLOBU
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer 50% glycerol
Sequence Positions	Full Length of Botulinum neurotoxin E light chain, 2-422aa
Sequence	PTINSFNND PVNNRTILYI KPGGCQQFYK SFNIMKNIWI IPERNVIGTI PQDFLPPTSL KNGDSSYYDP NYLQSDQEKD KFLKIVTKIF NRINDNLGR ILLEELSKAN PYLGNDNTPD GDFIINDASA VPIQFSNGSQ SILLPNVIIM GAEPDLFETN SSNISLRNNY MPSNHGFGSI AIVTFSPEYS FRFKDNSMNE FIQDPALTLN HELIHSLHGL YGAKGITTKY TITQKQNPLI TNIRGTNIEE FLTFGGTDLN IITSAQSNDI YTNLLADYKK IASKLSKVQV SNPLNPKYD VFEAKYGLDK DASGIYSVNI NKFNDIFKKL YSFTEFDLAT KFQVKCRQTY IGQYKYFKLS NLLNDSIYNI SEGYNINNLK VNFRGQANL NPRIITPITG RGLVKKIIRF CKNIVSVKGI R
Tag Info	N-terminal 6xHis-SUMO-tagged
Preparation and 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 degree C, -80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C, -80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for BXE recombinant protein	Botulinum 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399136
UniProt Accession #	P30995
Molecular Weight	63.7 kDa
NCBI Official Full Name	Botulinum neurotoxin type E
UniProt Protein Name	Botulinum neurotoxin type E
UniProt Gene Name	BoNT/E
UniProt Synonym Gene Names	BoNT/E

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://www.aaabiotech.com/bont/e-recombinant-protein-e-coli/309750>