

Botulinum neurotoxin type F Recombinant Protein | BXF recombinant protein

Recombinant Clostridium botulinum Botulinum neurotoxin type F

CATALOG #
AAA309753

HOST
E Coli

PRODUCT SYNONYMS

Botulinum neurotoxin type F; Recombinant Clostridium botulinum Botulinum neurotoxin type F; Bontoxilysin-F; BXF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer50% glycerol
Sequence Positions	1-436aa. Partial.
Sequence	MPVAINSFNY NDPVNDDTIL YMQIPYEES KKYYKAFEIM RNVWIIPERN TIGTNPSDFD PPASLKNSS AYYDPNYLTT DAEKDRYLKT TIKLFRINS NPAGKVLLQE ISYAKPYLGN DHTPIDFSP VTRTTSVNIK LSTNVESML LNLVLGAGP DIFESCCYPV RKLIDPDVVY DPSNYGFGSI NIVTFSPEYE YTFNDISGGH NSSTESFIAD PAISLAHELI HALHGLYGAR GVTYEETIEV KQAPLMIAEK PIRLEEFLTF GGQDLNIITS AMKEKIYNNL LANYEKIATR LSEVNSAPPE YDINEYKDYF QWKYGLDKNA DGSYTVNENK FNEIYKKLYS FTESDLANKF KVKCRNTYFI KYEFLKVPNL LDDDIYTVSE GFNIGNLAVN NRGQSIKLNPKIIDSIPDKG LVEKIVKFCK SVIPRK
Tag Info	N-terminal 6xHis-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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for BXF 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 that catalyzes the hydrolysis of the '58-Gln-[Lys-59' bond of synaptobrevins-1 and -2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399137
UniProt Accession #	P30996
Molecular Weight	53.6 kDa
NCBI Official Full Name	Botulinum neurotoxin type F
UniProt Protein Name	Botulinum neurotoxin type F
UniProt Gene Name	botF
UniProt Synonym Gene Names	BoNT/F

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/botf-recombinant-protein-e-coli/309753>