



Recombinant Clostridium botulinum C phage Botulinum neurotoxin type C, partial

Product Code	CSB-EP325596CLQ
Relevance	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 cleaves syntaxin.
Abbreviation	Recombinant Clostridium botulinum C phage Botulinum neurotoxin type C protein, partial
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.	P18640
Product Type	Recombinant Proteins
Immunogen Species	Clostridium botulinum C phage (Clostridium botulinum C bacteriophage)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	PITINNFNYS DPVDNKNILYLDTHLNTLANEPEKA FRITGNIWVIPDRFSRNSNP NLNKPPRV TSPKSGYYDPNYLSTDSKD PFLKEI IKLFKRINSREIGEELIYRLST DIPFP GNNNT PINTFD FDFVDFNSVDVKTRQGNWVKTGSINPSVIITGP RENIID PETSTFKLTNNTFAAQEGFGALSISPRFMLTYSNATNDVGEGRFSKSEFCM DPILILMHELNHAMHNLYGIAIPNDQTISSVTSNIFYSQYNVKLEYAEIYAFGGPTI DLIPKSARKYFEEKALDYYSIAKRLNSITTANPSSFNKYIGEYKQKLIRKYRFV ESSGEVTVNRNKFVELYNELTQIFTEFN YAKIYNVQNRKIYLSNVYTPVTANILD DNVYDIQNGFNIPKSNLNLVLFMGQNL SRNPALRKVNPEN
Research Area	Others
Source	E.coli
Target Names	N/A
Expression Region	2-428aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	64.9kDa
Protein Length	Partial
Image	

