



# Recombinant Clostridium botulinum C phage Botulinum neurotoxin type C, partial

<b>Product Code</b>	CSB-EP325596CLQ
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Clostridium botulinum C phage Botulinum neurotoxin type C protein, partial
<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>	P18640
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Clostridium botulinum C phage (Clostridium botulinum C bacteriophage)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	PITINNFNYS DPVDNKNILYLDTHLNTLANEPEKA FRITGNIWVIPDRFSRNSNP NLNKPPRV TSPKSGYYDPNYLSTDSKD PFLKEI IKLFKRINSREIGEELIYRLST DIPFPGNNNTPI NTFDFD VDFNSVDVKTRQGNWVKTGSINPSVIITGP RENIID PETSTFKLTNNTFAAQEGFGALSII SISRFLM TYSNATNDVGEGRFSKSEFCM DPILILMH ELNHAMHNLYGIAIPNDQTISSVTSNIFYSQYNVKLEYAEIYAFGGPTI DLIPKSARKYFEEKALDY YRSIAKRLNSITTANPSSFNKYIGEYKQKLIRKYRFV V ESSGEVTVNRNKFVELYNELTQIFTEFN YAKIYNVQNRKIYLSNVYTPVTANILD DNVYDIQNGFNIPKSNLNVLFMGQNL SRNPALRKVNPEN
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	N/A
<b>Expression Region</b>	2-428aa
<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>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	64.9kDa
<b>Protein Length</b>	Partial
<b>Image</b>	

