



Recombinant Botulinum neurotoxin type C1, partial

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| Product Code | CSB-MP325596CLQ |
| 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 Protein |
| Immunogen Species | Clostridium botulinum |
| Purity | >85% (SDS-PAGE) |
| Sequence | PITINNFNY SDPVDNKNIL YLDTHLNTLA NEPEKAFRIT GNIWVIPDRF SRNSNPNLNK PPRVTSPKSG YYDPNYLSTD SDKDPFLKEI IKLFKRINSR EIGEELIYRL STDIPFPGNN NTPINTFFDFD VDFNSVDVKT RQGNNWVKTG SINPSVIITG PRENIIDPET STFKLNTNTF AAQEGFGALS IISISPRFML TYSNATNDVG EGRFSKSEFC MDPILILMHE LNHAMHNLYG IAIPNDQTIS SVTSNIFYSQ YNVKLEYAEI YAFGGPTIDL IPKSARKYFE EKALDYYSI AKRLNSITTA NPSSFNKYIG EYKQKLIRKY RFVVESSGEV TVNRNKFVEL YNELTQIFTE FNYAKIYNVQ NRKIYLSNVY TPVTANILDD NVYDIQNGFN IPKSNLNVLF MGQNLNRNPA LRKVNPNMML YLFTKFCHKA IDGRSLYNK |
| Source | Mammalian cell |
| Protein Names | Recommended name: Botulinum neurotoxin type C1 Short name= BoNT/C1 EC= 3.4.24.69 Alternative name(s): Bontoxilysin-C1 Cleaved into the following 2 chains: 1. Botulinum neurotoxin C1 light chain 2. Botulinum neurotoxin C1 heav |
| Expression Region | 2-449 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Partial |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | 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. |