



Recombinant Botulinum neurotoxin type G (botG), partial

Product Code	CSB-EP733663CLQ
Abbreviation	botG
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.	Q60393
Product Type	Recombinant Protein
Immunogen Species	Clostridium botulinum
Purity	≥85% (SDS-PAGE)
Sequence	PVNIKSFNYNDPINNDDIIMMEPFNDPGPGTYKAFRIIDRIWIVPERFTYGFQP DQFNASTGVFSKDVYEYDPTYLKTDAEKDKFLKTMIKLFNRINSKPSGQRLLD MIVDAIPYLGNASTPPDKFAANVANVSINKKIIQPGAEDQIKGLMTNLIIFGPGPV LSDNFTDSMIMNGHSPISEGFGARMMIRFCPSCLNVFNQENKDTTSIFSRRA YFADPALTLMHELIHVLHGLYGIKISNLPITPNTKEFFMQHSDPVQAEELYTFGG HDPSVISPSTDMNIYNKALQNFQDIANRLNIVSSAQGSGIDISLYKQIYKNKYDF VEDPNGKYSVDKDKFDKLYKALMFGFTETNLAGEYGIKTRYSYFSEYLPPIKTE KLLDNTIYTQNEGFNIASKNLKTEFNGQNKAVNKEAYEEISLEHLVIYRIAMCKP VMYK
Source	E.coli
Target Names	botG
Protein Names	Recommended name: Botulinum neurotoxin type G Short name= BoNT/G EC= 3.4.24.69 Alternative name(s): Bontoxilysin-G Cleaved into the following 2 chains: 1. Botulinum neurotoxin G light chain 2. Botulinum neurotoxin G heavy chain
Expression Region	2-442
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.