

Recombinant *C. botulinum* CBO3083 Protein, His-SUMO-tagged

Cat. No. CBO3083-1320C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>C. botulinum</i> (strain Hall / ATCC 3502 / NCTC 13319 / Type A) CBO3083 Protein (663-830aa) was expressed in <i>E. coli</i> with N-terminal His-SUMO tag.
Species	<i>C. botulinum</i>
Source	<i>E. coli</i>
Protein Length	663-830 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	35.2 kDa
AA Sequence	VDRISGKLPTQLSYRDPRGSTVYNEFFINGTIPTEYDDIHVEAQINKLTGKLASKFTPS FLVESRVFLRR DYSPGVELLDQQWLLPYSIDEGGSLPPTEEKNNNSNTRDKNKDKNKNKDKNPSQ DKPNNNNNDNNSNNN NNNNDNNNNNTKPPENDSNQNHEDNKNKQ
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

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GENE INFORMATION

Gene Name	CBO3083 penicillin-binding protein, 1A family [Clostridium botulinum A str. ATCC 3502]
Official Symbol	CBO3083
Synonyms	CBO3083; pbpA; Penicillin-binding protein 1A; PBP1a; Penicillin-insensitive transglycosylase; Peptidoglycan Tgase; Penicillin-sensitive transpeptidase; DD-transpeptidase; EC 2.4.1.129; EC 3.4.16.4
Gene ID	5185759
Protein Refseq	YP_001255575.1
UniProt ID	A5I6G4

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