

Recombinant Clostridium Botulinum CBO2730 Protein (1-275 aa), His-SUMO-tagged

Cat. No. CBO2730-1987C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Clostridium Botulinum (strain Hall/ATCC 3502/NCTC 13319/Type A) CBO2730 Protein (1-275 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length.
Species	Clostridium Botulinum
Source	E.coli
ProteinLength	1-275 aa
Description	Flagellin is the subunit protein which polymerizes to form the filaments of bacterial flagella.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.8 kDa
AA Sequence	MIINHNLNAMNAHRQMAINTGNNGKAIEKLSSGLRINRAGDDAAGLAISEKMRGQIR GLNQASRNSQDAISLIQTAEGALNETHSILQRMRELTVQAANDTNVTVDRENLQKEV AELQSEINRISSQTQFNTKSLINGAVSKDADAMTFQIGANSQTIKLTIGSMDAKTLNV DKIKLDDTAANVTQKIATIDNAINSVSKERAKLGANQNRLEHTIANLDNSAENLQAAES RIRDVDMAKEMMNFTKTNILTQAAQAMLAQANQAPQGVLLR

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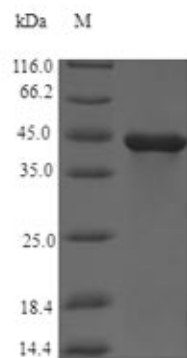
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	CBO2730 flagellin [Clostridium botulinum A str. ATCC 3502]
Official Symbol	CBO2730
Synonyms	CBO2730;
Gene ID	5204320
Protein Refseq	YP_001255229
UniProt ID	A5I5G4

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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