Recombinant Clostridium Botulinum HA33 Protein (2-286 aa), His-SUMO-Myc-tagged

Cat. No. HA33-2406C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Clostridium Botulinum HA33 Protein (2-286 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Species	Clostridium Botulinum
Source	E.coli
ProteinLength	2-286 aa
Description	Protects the structural integrity of the neurotoxin; may increase internalization of the neurotoxin into the bloodstream of the host. Involved in binding to the small intestine through interactions with glycolipids and glycoproteins containing sialic acid moieties.
Form	Tris-based buffer,50% glycerol
Molecular Mass	53.6 kDa
AA Sequence	SQTNANDLRNNEVFFISPSNNTNKVLDKISQSEVKLWNKLSGANQKWRLIYDTNKQA YKIKVMDNTSLILTWNAPLSSVSVKTDTNGDNQYWYLLQNYISRNVIIRNYMNPNLVL QYNIDDTLMVSTQTSSSNQFFKFSNCIYEALNNRNCKLQTQLNSDRFLSKNLNSQIIV LWQWFDSSRQKWIIEYNETKSAYTLKCQENNRYLTWIQNSNNYVETYQSTDSLIQY WNINYLDNDASKYILYNLQDTNRVLDVYNSQIANGTHVIVDSYHGNTNQQWIINLI

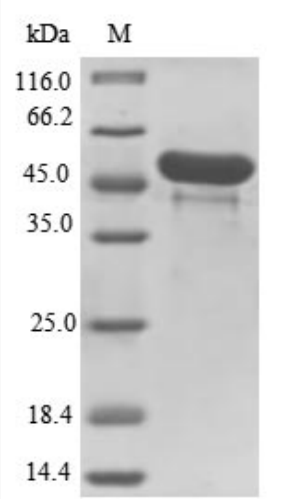
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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ha-33 hemagglutinin component of the neurotoxin complex [Clostridium botulinum A str. ATCC 3502]
Official Symbol	HA33
Synonyms	HA-33; ha33;
Gene ID	5185058
UniProt ID	P46084

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

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