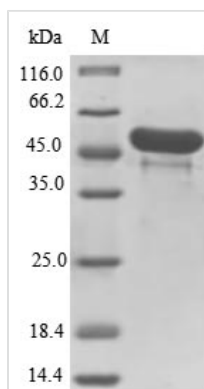




Recombinant Clostridium botulinum C phage Main hemagglutinin component type C (HA-33)

Product Code	CSB-EP338424CLQ
Relevance	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.
Abbreviation	Recombinant Clostridium botulinum HA-33 protein
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.	P0DPR0
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Clostridium botulinum
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	SQTNANDLRNNEVFFISPSNNTNKVLDKISQSEVKLWNKLSGANQKWRLIYDT NKQAYKIKVMDNTSLILTWNAPLSSVSVKTDNNGDNQYWYLLQNYISRNVIIRN YMNPNLVLQYNIDDTLMVSTQTSSSNQFFKFSNCIYEALNNRNCKLQTQLNSD RFLSKNLNSQIIVLWQWFDSSRQKWIIENETKSAYTLKCQENNRYLTIQNSN NYVETYQSTDLSIQYWNINYLNDNDASKYILYNLQDTRVLDVYNSQIANGTHVI VDSYHGNTNQQWIINLI
Research Area	others
Source	E.coli
Target Names	HA-33
Protein Names	HA 33 kDa subunitHA1
Expression Region	2-286aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	53.6 kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.