Weak Toxin Cm-10 Naja Nivea Recombinant Protein

PRODUCT OVERVIEW

Product Name	Weak toxin CM-10, Recombinant Protein
Full Product Name	Recombinant Naja nivea Weak toxin CM-10
Sequence	LRCLNCPEVF CRNFHTCRNG EKICFKRFDQ RKLLGKRYTR GCAVTCPVAK PREIVECCST DGCNR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	7,545 Da
Sequence Positions	1-65, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P25680
Species	Naja nivea (Cape cobra)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Weak toxin CM-10 recombinant protein	MBS1243674 is a recombinant protein targeting Weak toxin CM-10. Also known as Recombinant Naja nivea Weak toxin CM-10. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Weak toxin CM-10 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Weak toxin CM-10. It may not necessarily be applicable to this product.

NCBI GI #	136557
NCBI Accession #	P25680.1
UniProt Primary Accession #	P25680
NCBI Official Full Name	Weak toxin CM-10
UniProt Protein Name	Weak toxin CM-10
Protein Family	Weak toxin
UniProt Comments for Weak toxin CM-10	Binds with low affinity to muscular (alpha-1-beta-1-epsilon-delta/CHRNA1-CHRNB1-CHRNE-CHRND) and very low affinity to neuronal (alpha7) nicotinic acetylcholine receptor (nAChR).

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