Short Neurotoxin 2 Naja Annulifera Recombinant Protein

PRODUCT OVERVIEW

Product Name	Short neurotoxin 2, Recombinant Protein
Full Product Name	Recombinant Naja annulifera Short neurotoxin 2
Sequence	MICHNQQSSQ PPTIKTCPGE TNCYKKRWRD HRGTIIERGC GCPSVKKGVG IYCCKTNKCN R
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	6,915 Da
Sequence Positions	1-61, 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 P01422
Species	Naja annulifera (Banded Egyptian cobra) (Naja haje annulifera)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Short neurotoxin 2 recombinant protein	MBS1256011 is a recombinant protein targeting Short neurotoxin 2. Also known as Recombinant Naja annulifera Short neurotoxin 2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Short neurotoxin 2 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 Short neurotoxin 2. It may not necessarily be applicable to this product.

NCBI GI #	128982
NCBI Accession #	P01422.1
UniProt Primary Accession #	P01422
NCBI Official Full Name	Short neurotoxin 2
UniProt Protein Name	Short neurotoxin 2
UniProt Synonym Protein Names	Toxin CM-14; Toxin V-N-I2
Protein Family	Short neurotoxin
UniProt Comments for Short neurotoxin 2	Binds to muscle nicotinic acetylcholine receptor (nAChR) and inhibit acetylcholine from binding to the receptor, thereby impairing neuromuscular transmission.

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