Short Neurotoxin NCA-04 Laticauda Colubrina Recombinant Protein

PRODUCT OVERVIEW

Product Name	Short neurotoxin NCA-04, Recombinant Protein
Full Product Name	Recombinant Laticauda colubrina Short neurotoxin NCA-04
Sequence	RRCFNQQSSQ PKTTKSCPLG ENSCYNKQWR DHRGSITERG CGCPKVKPGI KLRCCESEDC NN
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	9,343 Da
Sequence Positions	22-83, 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 Q9YGX0
Species	Laticauda colubrina (Yellow-lipped sea krait) (Banded sea krait)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Short neurotoxin NCA-04 recombinant protein	MBS1370658 is a recombinant protein targeting Short neurotoxin NCA-04. Also known as Recombinant Laticauda colubrina Short neurotoxin NCA-04. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Short neurotoxin NCA-04 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 NCA-04. It may not necessarily be applicable to this product.

NCBI GI #	46396566
NCBI Accession #	Q9YGX0.1
UniProt Primary Accession #	Q9YGX0
NCBI Official Full Name	Short neurotoxin NCA-04
UniProt Protein Name	Short neurotoxin NCA-04
Protein Family	Short neurotoxin
UniProt Comments for Short neurotoxin NCA-04	Binds to muscle nicotinic acetylcholine receptor (nAChR) and inhibit acetylcholine from binding to the receptor, thereby impairing neuromuscular transmission.

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