Short Neurotoxin 3ftx-Oxy3 Oxyuranus Microlepidotus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Short neurotoxin 3FTx-Oxy3, Recombinant Protein
Full Product Name	Recombinant Oxyuranus microlepidotus Short neurotoxin 3FTx-Oxy3
Sequence	MTCYNQQSSQ AKTTTTCSGG VSSCYRKTWS DIRGTIIERG CGCPSVKKGI ERICCGTDKC 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	9,009 Da
Sequence Positions	22-83aa, Full Length of Mature 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 A7X4R5
Species	Oxyuranus microlepidotus (Inland taipan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Short neurotoxin 3FTx-Oxy3 recombinant protein	MBS1215548 is a recombinant protein targeting Short neurotoxin 3FTx-Oxy3. Also known as Recombinant Oxyuranus microlepidotus Short neurotoxin 3FTx-Oxy3. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Short neurotoxin 3FTx-Oxy3 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 3FTx-Oxy3. It may not necessarily be applicable to this product.

NCBI GI #	166215741
NCBI Accession #	A7X4R5.1
UniProt Primary Accession #	A7X4R5
NCBI Official Full Name	Short neurotoxin 3FTx-Oxy3
UniProt Protein Name	Short neurotoxin 3FTx-Oxy3
Protein Family	Short neurotoxin
UniProt Comments for Short neurotoxin 3FTx-Oxy3	Binds to muscle nicotinic acetylcholine receptor (nAChR) and inhibit acetylcholine from binding to the receptor, thereby impairing neuromuscular transmission.

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