U10-Ctenitoxin-Pr1a (U10-CNTX-PR1A) Phoneutria Reidyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	U10-ctenitoxin-Pr1a (U10-CNTX-Pr1a), Recombinant Protein
Full Product Name	Recombinant Phoneutria reidyi U10-ctenitoxin-Pr1a
Product Gene Name	U10-CNTX-Pr1a recombinant protein
Sequence	SCADAYKSCD SLKCCNNRTC MCSMIGTNCT CRKK
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	3,743 Da
Sequence Positions	1-34, 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 P84000
Species	Phoneutria reidyi (Brazilian Amazonian armed spider) (Ctenus reidyi)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for U10-CNTX-Pr1a recombinant protein	MBS1127978 is a recombinant protein targeting U10-CNTX-Pr1a. Also known as Recombinant Phoneutria reidyi U10-ctenitoxin-Pr1a. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of U10-CNTX-Pr1a 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 U10-CNTX-Pr1a. It may not necessarily be applicable to this product.

NCBI GI #	50401393
NCBI Accession #	P84000.1
UniProt Primary Accession #	P84000
NCBI Official Full Name	U10-ctenitoxin-Pr1a
UniProt Protein Name	U10-ctenitoxin-Pr1a
UniProt Synonym Protein Names	Non-toxic venom protein PRTx22C5
Protein Family	U10-ctenitoxin

UniProt Gene Name	U10-CNTX-Pr1a
UniProt Synonym Gene Names	U10-CNTX-Pr1a
UniProt Comments for U10-CNTX-Pr1a	Non-toxic to mice and insects.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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