U3-Theraphotoxin-Cj1a (U3-TRTX-CJ1A) Chilobrachys Jingzhao Recombinant Protein

PRODUCT OVERVIEW

Product Name	U3-theraphotoxin-Cj1a (U3-TRTX-Cj1a), Recombinant Protein
Full Product Name	Recombinant Chilobrachys jingzhao U3-theraphotoxin-Cj1a
Product Gene Name	U3-TRTX-Cj1a recombinant protein
Product Synonym Names	Recombinant U3-theraphotoxin-Cj1a; U3-theraphotoxin-Cj1a; U3-TRTX-Cj1a; Jingzhaotoxin-8.2; JZTX-8.2 Jingzhaotoxin-VIII.2; JZTX-VIII.2 Peptide F7-12.17
Sequence	LFECSF SCDIKKNGKP CKGSGEKKCS GGWRCKMNFC VKV
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	9,155 Da
Sequence Positions	45-83aa; Cytoplasmic domain
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 B1P1A5
Species	Chilobrachys jingzhao (Chinese earth tiger tarantula) (Chilobrachys guangxiensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for U3-TRTX-Cj1a recombinant protein	MBS1162428 is a recombinant protein targeting U3-TRTX-Cj1a. Also known as Recombinant Chilobrachys jingzhao U3-theraphotoxin-Cj1a. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of U3-TRTX-Cj1a 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 U3-TRTX-Cj1a. It may not necessarily be applicable to this product.

UniProt Primary Accession #	B1P1A5
UniProt Protein Name	U3-theraphotoxin-Cj1a
UniProt Synonym Protein Names	Jingzhaotoxin-8.2; JZTX-8.2; Jingzhaotoxin-VIII.2; JZTX-VIII.2; Peptide F7-12.17
UniProt Gene Name	U3-TRTX-Cj1a
UniProt Synonym Gene Names	JZTX-8.2; JZTX-VIII.2
UniProt Entry Name	JZT8B_CHIJI

UniProt Comments for U3-TRTX-Cj1a	Function: Probable ion channel inhibitor. Subcellular location: Secreted. Tissue specificity: Expressed by the venom gland. Domain: The presence of a 'disulfide through disulfide knot' structurally defines this protein as a knottin By similarity. Sequence similarities: Belongs to the huwentoxin-2 family. Mass spectrometry: Molecular mass is 4330.3 Da from positions 45 - 83. Determined by MALDI. Monoisotopic mass. Ref.2
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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