U32-Theraphotoxin-Cj1a (U32-TRTX-CJ1A) Chilobrachys Jingzhao Recombinant Protein

PRODUCT OVERVIEW

Product Name	U32-theraphotoxin-Cj1a (U32-TRTX-Cj1a), Recombinant Protein
Full Product Name	Recombinant Chilobrachys jingzhao U32-theraphotoxin-Cj1a
Product Gene Name	U32-TRTX-Cj1a recombinant protein
Product Synonym Names	U32-theraphotoxin-Cj1a; U32-TRTX-Cj1a; Jingzhaotoxin-66.2; JZTX-66.2; Peptide F8-12.07
Sequence	GDDGTCI LKGDHCHGTC DCCGWTTTCR KSKSAGGKIC KSEGSSISAF NAIAKGVAAM KKAKCKHKSG
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	12,090 Da
Sequence Positions	44-110aa; 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 B1P1I6
Species	Chilobrachys jingzhao (Chinese earth tiger tarantula) (Chilobrachys guangxiensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for U32-TRTX-Cj1a recombinant protein	MBS1161385 is a recombinant protein targeting U32-TRTX-Cj1a. Also known as Recombinant Chilobrachys jingzhao U32-theraphotoxin-Cj1a. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of U32-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 U32-TRTX-Cj1a. It may not necessarily be applicable to this product.

NCBI GI #	306755709
NCBI Accession #	B1P1I6.1
UniProt Primary Accession #	B1P1I6
NCBI Official Full Name	U32-theraphotoxin-Cj1a
UniProt Protein Name	U32-theraphotoxin-Cj1a
UniProt Synonym Protein Names	Jingzhaotoxin-66.2; JZTX-66.2; Peptide F8-12.07

UniProt Gene Name	U32-TRTX-Cj1a
UniProt Synonym Gene Names	JZTX-66.2
UniProt Entry Name	JZ66B_CHIGU
UniProt Comments for U32-TRTX-Cj1a	Probable ion channel inhibitor.
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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