Beta-Bungarotoxin B5-B Chain Bungarus Multicinctus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-bungarotoxin B5-B chain, Recombinant Protein
Full Product Name	Recombinant Bungarus multicinctus Beta-bungarotoxin B5-B chain
Sequence	RQRHPDCDKP PDTKRCTGHN PAFYYNPRRK NCERFSYGGC GGNGNHFKTK QLCHCHCHEN D
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	7,134 Da
Sequence Positions	1-61aa; 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 Q0PL65
Species	Bungarus multicinctus (Many-banded krait)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Beta-bungarotoxin B5-B chain recombinant protein	MBS1423249 is a recombinant protein targeting Beta-bungarotoxin B5-B chain. Also known as Recombinant Bungarus multicinctus Beta-bungarotoxin B5-B chain. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Beta-bungarotoxin B5-B chain 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 Beta-bungarotoxin B5-B chain. It may not necessarily be applicable to this product.

NCBI GI #	123908849
NCBI Accession #	Q0PL65.1
UniProt Primary Accession #	Q0PL65
NCBI Official Full Name	Kunitz-type serine protease inhibitor homolog beta-bungarotoxin B5-B chain
UniProt Protein Name	Kunitz-type serine protease inhibitor homolog beta-bungarotoxin B5-B chain
UniProt Synonym Protein Names	Beta-bungarotoxin B5 chain
Protein Family	Kunitz-type serine protease inhibitor

UniProt Comments for Beta-bungarotoxin B5-B chain	Beta-bungarotoxins are presynaptic neurotoxins of the venom. The B chain is homologous to venom basic protease inhibitors but has no protease inhibitor activity and blocks voltage-gated potassium channels (Kv) ().
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