Latisemin (CRVP) Laticauda Semifasciata Recombinant Protein

PRODUCT OVERVIEW

Product Name	Latisemin (CRVP), Recombinant Protein
Full Product Name	Recombinant Laticauda semifasciata Latisemin
Product Gene Name	CRVP recombinant protein
Sequence	TVDFASESSN KRENQKEIVD KHNALRRSVR PTARNMLQME WNSDAAQNAQ RWADRCSFAH SPSHLRTVGK FSCGENLFMS SQPYAWSRVI QSWYDENKNF IYDVGANPPG SVIGHYTQIV WYKSHLLGCA AARCSSSKYL YVCQYCPAGN IIGSIATPYK SGPPCGDCPS ACVNGLCTNP CKHENEFTNC QSLVKQTGCQ NTWIQSKCPA SCFCRTEII
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	26,416 Da
Sequence Positions	20-238, 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 Q8JI38
Species	Laticauda semifasciata (Black-banded sea krait) (Pseudolaticauda semifasciata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CRVP recombinant protein	MBS1318221 is a recombinant protein targeting CRVP. Also known as Recombinant Laticauda semifasciata Latisemin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CRVP 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 CRVP. It may not necessarily be applicable to this product.

NCBI GI #	48474866
NCBI Accession #	Q8JI38.1
UniProt Primary Accession #	Q8JI38
NCBI Official Full Name	Cysteine-rich venom protein latisemin
UniProt Protein Name	Cysteine-rich venom protein latisemin
Protein Family	Cysteine-rich venom protein

UniProt Gene Name	CRVP
UniProt Synonym Gene Names	CRVP
UniProt Comments for CRVP	Blocks contraction of smooth muscle elicited by high potassium-induced depolarization (PubMed:12047379). May target voltage-gated calcium channels (Cav) on smooth muscle.
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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