Cysteine-Rich Secretory Protein DIS1 (CRVP) Dispholidus Typus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cysteine-rich secretory protein DIS1 (CRVP), Recombinant Protein
Full Product Name	Recombinant Dispholidus typus Cysteine-rich secretory protein DIS1
Product Gene Name	CRVP recombinant protein
Sequence	NVDFNSESPR IKAKQREIVD KHNAFRRSVR PTASNMLRME WYSEAASNAE RWAYRCILDH SPKTSRILNG IKCGENIYMS SIPMTWIDII KLWHDEYKNF IYGVGANPPG SVIGHYTQIV WYKSYRVGCA ASYCPPSSYN YFYVCQYCPA GNFAGLTATP YKSGPTCGDC PSACDNGLCT NPCSREDVFM NCKSLVAQSN CQDDYIRKNC PATCFCPNK
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	26,723 Da
Sequence Positions	19-237, 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 Q2XXQ6
Species	Dispholidus typus (Boomslang) (Bucephalus typus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CRVP recombinant protein	MBS1338111 is a recombinant protein targeting CRVP. Also known as Recombinant Dispholidus typus Cysteine-rich secretory protein DIS1. 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 #	123898167
NCBI Accession #	Q2XXQ6.1
UniProt Primary Accession #	Q2XXQ6
NCBI Official Full Name	Cysteine-rich venom protein DIS1
UniProt Protein Name	Cysteine-rich venom protein DIS1
UniProt Synonym Protein Names	Cysteine-rich secretory protein DIS1; CRISP-DIS1

Protein Family	Cysteine-rich venom protein
UniProt Gene Name	CRVP
UniProt Synonym Gene Names	CRISP-DIS1
UniProt Comments for CRVP	Weakly blocks contraction of smooth muscle elicited by high potassium-induced depolarization, but does not block caffeine-stimulated contraction. May target voltage-gated calcium channels 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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