Calcipressin-2 (RCAN2) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calcipressin-2 (RCAN2), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Calcipressin-2 (RCAN2)
Product Gene Name	RCAN2 recombinant protein
Product Synonym Gene Name	RCAN2
Sequence	MPAPSMDCDV STLVACVVDV EVFTNQEVKE KFEGLFRTYD DCVTFQLFKS FRRVRINFSN PKSAARARIE LHETQFRGKK LKLYFAQVQT PETDGDKLHL APPQPAKQFL ISPPSSPPVG WQPINDATPV LNYDLLYAVA KLRPGEKYEL HAGTESTPSV VVHVCDSDIE EEEDPKTSPK PKIIQTRRPG LPPSVSN
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	22,096 Da
Sequence Positions	1-197, 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 Q4R4P5
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RCAN2 recombinant protein	MBS1323929 is a recombinant protein targeting RCAN2. Also known as Recombinant Macaca fascicularis Calcipressin-2 (RCAN2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RCAN2 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 RCAN2. It may not necessarily be applicable to this product.

NCBI GI #	75075769
NCBI GeneID	101865682
NCBI Accession #	Q4R4P5.1
UniProt Primary Accession #	Q4R4P5
UniProt Related Accession #	Q4R4P5
NCBI Official Full Name	Calcipressin-2

NCBI Official Symbol	RCAN2
NCBI Official Synonym Symbols	DSCR1L1
UniProt Protein Name	Calcipressin-2
UniProt Synonym Protein Names	Down syndrome candidate region 1-like protein 1; Regulator of calcineurin 2
Protein Family	Calcipressin
UniProt Gene Name	RCAN2
UniProt Synonym Gene Names	DSCR1L1
NCBI Protein Information	calcipressin-2
UniProt Comments for RCAN2	Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development ().
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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