RCAN3 Blocking Peptide

PRODUCT OVERVIEW

Product Name	RCAN3, Blocking Peptide
Full Product Name	RCAN3 Blocking Peptide
Product Gene Name	RCAN3 blocking peptide
Product Synonym Names	Calcipressin-3; Down syndrome candidate region 1 like 2; Down syndrome candidate region 1 like 2; regulator of calcineurin 3; Down syndrome candidate region 1 like protein 2; Down syndrome candidate region 1-like protein 2; Down syndrome critical region g
Antibody/Peptide Pairs	RCAN3 peptide (MBS9633270) is used for blocking the activity of RCAN3 antibody (MBS9630887)
Molecular Weight	12,745 Da
OMIM	605860
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RCAN3 blocking peptide	MBS9633270 is a blocking peptide targeting RCAN3.
Other Notes	Small volumes of RCAN3 blocking peptide 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 RCAN3. It may not necessarily be applicable to this product.

NCBI GI #	354623068
NCBI GeneID	11123
NCBI Accession #	NP_001238906.1
UniProt Primary Accession #	Q9UKA8
UniProt Secondary Accession #	Q5ECL3; Q5TGC6; A4GU14; A4LA69; E3VWE2; E5L4P0; E5L4P7; E7ENV1; E7EWD8; G1FI66; G1FLF0
UniProt Related Accession #	Q9UKA8
GenBank Nucleotide #	NM_001251977.1
NCBI Official Full Name	calcipressin-3 isoform 1
NCBI Official Synonym Full Names	RCAN family member 3
NCBI Official Symbol	RCAN3
NCBI Official Synonym Symbols	RCN3; MCIP3; hRCN3; DSCR1L2
UniProt Protein Name	Calcipressin-3
UniProt Synonym Protein Names	Down syndrome candidate region 1-like protein 2; Myocyte-enriched calcineurin-interacting protein 3; MCIP3; Regulator of calcineurin 3
Protein Family	Calcipressin

UniProt Gene Name	RCAN3
UniProt Synonym Gene Names	DSCR1L2; MCIP3
UniProt Entry Name	RCAN3_HUMAN
NCBI Protein Information	calcipressin-3; Down syndrome candidate region 1-like 2; Down syndrome critical region gene 1-like 2; down syndrome candidate region 1-like protein 2; myocyte-enriched calcineurin-interacting protein 3; regulator of calcineurin 3 isoform 1b,2
UniProt Comments for RCAN3	RCAN3: Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development. Belongs to the RCAN family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 1p36.11 Molecular Function: RNA binding; troponin I binding Biological Process: anatomical structure morphogenesis; calcium-mediated signaling
Research Articles on RCAN3	**1.** Studies indicate that RCAN3 is composed of a multigene system that includes at least 21 alternative spliced isoforms.
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