

Regulator of Calcineurin 2 Recombinant Protein | RCAN2 recombinant protein

Recombinant Human Regulator of Calcineurin 2

CATALOG #
AAA38993

HOST
E Coli

PRODUCT SYNONYMS

Regulator of Calcineurin 2; Recombinant Human Regulator of Calcineurin 2; RCAN2 Human; Regulator of Calcineurin 2 Human Recombinant; Regulator of calcineurin 2; DSCR1L1; MCIP2; Down syndrome critical region gene 1-like 1; ZAKI4; Myocyte-enriched calcineurin-interacting protein 2; Thyroid hormone-responsive protein ZAKI-4; CSP2; RCN2; thyroid hormone-responsive (skin fibroblasts); RCAN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	RCAN2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 200mM NaCl, 1mM DTT and 20% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMPA PSMDCDVSTL VACVVDVEVF TNQEVKEKFE GLFRTYDDCV TFQLFKSFRR VRINFNPKS AARARIELHE TQFRGKKLKL YFAQVQTPET DGDKLHLAPP QPAKQFLISP PSSPPVGWQP INDATPVLNY DLLYAVAKLG PGEKYLHAG TESTPSVVVH VCDSDIEEEE DPKTSPKPKI IQTRRPGLPP SVSN
Sequence Length	243

ADDITIONAL INFORMATION

Related Product Information for RCAN2 recombinant protein	Description: RCAN2 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 217 amino acids (1-197 a.a.) and having a molecular mass of 24.1kDa.RCAN2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: RCAN2 is a member of the RCAN (Regulator of calcineurin) family that controls the activity of Calcineurin using a valine-rich region placed in their carboxyl tail. RCANs race against NFAT (nuclear factor of activated T-cells) to bind to the same docking site in calcineurin, and consequently inhibits or activates calcineurin activity. RCAN2 is a Ca(2+) dependent protein phosphatase which takes part in numerous neuornal functions.
Product Categories/Family for RCAN2 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Regulator of Calcineurin

NCBI AND UNIPROT INFORMATION

NCBI GI #	354681997
NCBI GeneID	10231
NCBI Accession #	NP_001238902.1
NCBI GenBank Nucleotide #	NM_001251973.1
UniProt Accession #	Q14206 ; Q5VWF7 ; Q5VWF8 ; Q8N116 ; A6ND07 ; B3KR46
Molecular Weight	27,289 Da
NCBI Official Full Name	calcypressin-2 isoform 2

NCBI Official Synonym Full Names	regulator of calcineurin 2
NCBI Official Symbol	RCAN2
NCBI Official Synonym Symbols	CSP2; RCN2; MCIP2; ZAKI4; ZAKI-4; DSCR1L1
NCBI Protein Information	calcipressin-2; Down syndrome candidate region 1-like 1; Down syndrome critical region gene 1-like 1; myocyte-enriched calcineurin-interacting protein 2; thyroid hormone-responsive (skin fibroblasts); thyroid hormone-responsive protein ZAKI-4
UniProt Protein Name	Calcipressin-2
UniProt Gene Name	RCAN2
UniProt Synonym Gene Names	DSCR1L1; ZAKI4; MCIP2
UniProt Entry Name	RCAN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rcan2-recombinant-protein-e-coli/38993>