

Recombinant Full Length Human RCAN2 Protein, GST-tagged

Cat. No. RCAN2-4710HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DSCR1L1 full-length ORF (AAH38509.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	225 amino acids
Description	This gene encodes a member of the regulator of calcineurin (RCAN) protein family. These proteins play a role in many physiological processes by binding to the catalytic domain of calcineurin A, inhibiting calcineurin-mediated nuclear translocation of the transcription factor NFATC1. Expression of this gene in skin fibroblasts is upregulated by thyroid hormone, and the encoded protein may also play a role in endothelial cell function and angiogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Molecular Mass	51.5 kDa
AA Sequence	MPAPSMDCDVSTLVACVVDVEVFTNQEVKEKFEGLFRTYDDCVTFQLFKSFRRVRI NFSNPKSAARARIELHETQFRGKKLKLYFAQVQTPETDGDKLHLAPPQPAKQFLISP PSSPPVGWQPINDATPVLNYDLLYAVAKLGPGEKYELHAGTESTPSVVVHVCDSDIE EEEDPKTSPKPKIIQTRRPLPPSVSNWAACSFSSIIAVSSLSCFFPLL FVKKNCL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	RCAN2 regulator of calcineurin 2 [Homo sapiens]
Official Symbol	RCAN2
Synonyms	RCAN2; regulator of calcineurin 2; Down syndrome critical region gene 1 like 1 , DSCR1L1; calcipressin-2; ZAKI 4; Down syndrome candidate region 1-like 1; thyroid hormone-responsive protein ZAKI-4; Down syndrome critical region gene 1-like 1; thyroid hormone-responsive (skin fibroblasts); myocyte-enriched calcineurin-interacting protein 2; CSP2; RCN2; MCIP2; ZAKI4; ZAKI-4; DSCR1L1;
Gene ID	10231
mRNA Refseq	NM_001251973
Protein Refseq	NP_001238902
MIM	604876
UniProt ID	Q14206

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