

Product datasheet for **MC203847**

Rcan1 (NM_019466) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcan1 (NM_019466) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rcan1
Synonyms:	Adapt78; CALP1L; CSP1; DSC1; Dscr1; MCIP1; RCN1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013551
 TGCAAAGGAACCTCCAGCTTGGGCTTGGCTGAGAGAGCGAGTCGTTTCGTTAAGCGTCTGCCCGTGAAAA
 AGCAGAAATGCATTTTAGGGACTTTAGCTACAATTTTAGCTCCCTGATTGCTTGTGTGGCAAACGATGATG
 TCTTCAGCGAAAGTGAGACCAGGGCCAAATTTGAATCCCTCTTCAGAACATATGACAAGGACACCACCTT
 CCAGTATTTTAAAGAGCTTCAAACGTGTCCGGATAAACTTCAGCAACCCCTATCTGCAGCCGATGCCAGG
 CTGCGGCTGCACAAGACCAGATTCTGGGGAAGGAAATGAAGTTGATTTTGTCTCAGACTTTACACATAG
 GAAGTTCACACCTGGCTCCGCCCAATCCCGACAACAGTTCCTCATCTCCCTCCGGCTCTCCTCCCGT
 TGGCTGGAAACAAGTAGAAGATGCCACCCCGTCATAAATTACGATCTTTTATATGCCATCTCCAAGCTG
 GGGCCAGGAGAGAAGTATGAACTGCATGCAGCGACAGACACCCTCCAGTGTGGTGGTCCACGTGTGTG
 AGAGTGACCAAGAGAATGAGGAGGAAGAGGAAAGAGATGGAGAGAATGAAGAGACCCAAGCCAAAAATCAT
 CCAGACACGGAGACCGGAGTACACACCCATCCACCTCAGCTGAACCGGCGCAGACTGAGACAGCGCTC
 TGAATCCACGTGTGGGAAGGAATCTTTACTGTGCAGGTGGCTGGCCGTGGCTTTGGAGGGAGCGGCCG
 TGACCACTGTGGCAGAAATCCAGTTCATGATGCTCAGAAGAGAGTCAAGGCCTCTCCCTTGTCTGA
 TGCTGCCCTCAGTCCATGTCCACGGCACCTGGGACTGTCTTGGCCATTCACTGAATGTGTGGCAGTCA
 CACAAGGACACTGGGGACATCTGAGAACTGATAGTTCTTGTAATTGCTCATTTCTAGGTTCTGTTTTT
 GGCAAGGACAGGTTGACTGGTGGCCAGGGAGAGATTTCTGTTTCCAACCAAGAGTTCAGGGTGCAGCCCC
 CCCACTGGTAGGCAGAGGCACACCCCAAGCCACCAAGTGTCCAGTGCAGAAAGGTGGTGGGACAACC
 CCCGAACCGTGTGGAATTGTCCTTCTCGTTCCTTCCCATGGTCTGACGTTTCATGCATGTGTATTACTGG
 GTCCCAGGACCAGCCTTTGTTACGTAGGAAGTACGCTGTTTTCCATCTTGGGAAGCCAGGAAAGTTCT
 GGAACACTCTTACCACGTGTCTCGTTTTCTCTGCACATGGGGTCGAGGCTGGAGACATCCACACGTAC
 CCTGCCTGGTGCATTGTGCACTTGTGCTTCCCTGCAAAAGAAGTTGATCTTGAGTCCCCAAGTAGAACT
 TAGCCTAACCTGTGGGAGAGCAGCAGGGTTGCTGCCAGCCGCTGTCTGGGCTGGGAAGGTTTGGTGTGG
 GTGCTTGGCTTCCAGCACCCTCCGTTGTTTTCTTTCATGTAGTGGTTTTGTGTGAATTCATCCAGAG
 CAGTCTTTGGAACTGTTGGTTGAGACAGTTTTTCAACCCATTGAAACGTGAAGATAAACTTGTAAATA
 CAGCCAAGAGCATATCTTAGTACCTGTCTGTACCTGGGTGGAAGTAGAGGCAGAGGGAGTTTCAAGCTA
 CCTGTGACTTGTGTGGTAGAGTTACTCTCATGTGTTAATGGGGTGAATCAGAGCATGTGGAGTCCG
 TCGTAGCCATGTGTTCTAGAGGGACACAGTGCCTTTCCCTTTTCATCCAGATGACCACGACACTCGGTG
 AACATTTGAGAATTTCTGCTTTCCAGTCATCGTGTGTGTCTGGTAAATAGGTATTCTATTTGGTCT
 TACCATTGCCATTACAAAGTTTGTCACTCTGAATAACCTGATGCCAGTTAACAGTGCATGCTTTGGGGAC
 TCCGGAGGTGGCTTCCCCTGGGAGCAAAATGGGTTGATGTTCTCAAACCCGTTTCCAGCGCTCGGTGG
 GAGGGAGCCCACAGGTGGGAGGCCATCCCGTTGCCGCCGCCAGTGTCTTAGTTCTGCACTTTGAACC
 GGAGAGGCTAACCTCAAAGATATTTTTTTAACTGCATTTCTATAATAAATCAGCACAAATATGCTCTTCTG
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019466

Insert Size: 597 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC013551 , AAH13551
RefSeq Size:	2198 bp
RefSeq ORF:	597 bp
Locus ID:	54720
UniProt ID:	Q9JHG6
Cytogenetics:	16 53.6 cM
Gene Summary:	<p>Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. Could play a role during central nervous system development (PubMed:11231093).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (2) has a shorter and distinct N-terminus, compared to isoform 1.</p>