

Product datasheet for MC204846

Rcan2 (NM_030598) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rcan2 (NM_030598) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rcan2
Synonyms: Csp2; Dscr111; MCIP2; ZAKI-4
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC062141
 CTGAATTGATTTAGTCCGAGTTCAGATTTAGCACGAGCAGGGCAGTACAGGACAGTATCCATCCTGAGGA
 GTATCTTCACTCCCCTCTGAGGCTTCCTAACTTCTCACTGAGAATTCTGAAGAGGGGAATGCCAGCCC
 CTAGCATGGACTGTGATGTTTCCACTCTGGTCGCCTGTGTGGTGGATGTGGAGGTTTACCAATCAGGA
 GGTTAAGGAAAAATTCGAGGGACTGTTCCGGACCTATGATGAATGTGTGACGTTCCAGCTGTTTAAGAGT
 TTCCGACGGGTTTGAATAAATTTAGCCATCCCAAATCTGCAGCCCGTGCCCGGATAGAGCTTCATGAGA
 CTCAGTTCAGAGGGAAGAAGCTAAAATCTACTTCGCCAGGTCCAGACCCAGAGACAGATGGAGACAA
 ACTGCATTTGGCACCTCCACAGCCTGCCAAACAGTTCCTCATCTACCCCTTCTCTCTCTGTTGGC
 TGAAGCCTATCAGCGATGCCACACCAGTCTCAACTATGACCTTCTTTATGCTGTGGCCAACTAGGAC
 CAGGAGAGAAATATGAGCTGCACGCTGGAAGTCTACACCGAGCGTGTGGTGCATGTGTGTGACAG
 CGACATGGAGGAGGAGGAGGCCAAAGACTTCCCAAAGCCAAAATCATCCAGACCCGGCGTCCCGGC
 CTGCCACCCTCCGTGTCCAATGAGCACGTCCATGATAACATGCATCTCCTTTATCATGCTTCCCGCCC
 CCCCCCTTGTGTTTGTCCAAACAATTAATTGCCTTTAAGTCCCTGGGTGTTTGGTTGTTTGCGAATCC
 TTCTTGTAAATTAAGCCTCTCGGACAAAAGGGCTAGGCAAAGGTGATATGTCTCCAATCAACTCTACC
 CATTAATAACAATCCATCACTTAGAAAAGTTCTAGATAGAGGGTAGTATTTTCTTATTAATAATCAGTAC
 AGCCCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_030598

Insert Size: 594 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).



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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:	<u>BC062141</u> , <u>AAH62141</u>
RefSeq Size:	1005 bp
RefSeq ORF:	594 bp
Locus ID:	53901
UniProt ID:	<u>Q9JHG2</u>
Cytogenetics:	17 19.77 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. [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 resulting isoform (2) has a shorter and distinct N-terminus, compared to isoform 1. Variants 2 and 4 encode the same isoform 2.</p>