

Product datasheet for **MC202694**

Rcn1 (NM_009037) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcn1 (NM_009037) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rcn1
Synonyms:	Rcn
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049108 sequence for NM_009037
 CGCGACCATGGCGCGCGGTGGCCGCTTGGGACTCGCCCTGGGGCTGCTGCTGGCGCTGGTCTGGCGCTG
 CGGGCCAAGCCCACGGTGCAGCAAGGAGCGCGTGGTTGGGCCGACTCAGAGCTGGGCGAGCGGCCGCCG
 AGGACAACCAGAGCTTCCAGTACGATCATGAGGCCTTCTGGGCAAGGAGGACTCCAAGACCTTCGATCA
 GCTAAGCCCGGACGAGAGCAAGGAGAGGCTGGGAAAAATTGTGGATCGAATTGACAGTGATGGTGATGGC
 CTTGTTACTACTGAGGAGCTGAACTTTGGATCAAACGGGTACAGAAAAGATACATCTATGATAATGTGC
 CTAAAGTCTGGAAGGATTATGATAGGGACAAAGACGAAAAGATCTCCTGGGAAGAATACAAGCAGGCCAC
 CTATGGCTACTACCTGGGAAACCCGCTGAATTCATGATAGTTCTGATCACCACACCTTTAAAAAGATG
 CTGCCACGAGATGAGAGGAGTTTAAGGCTTCAGACCTTGACGGCGACCTGACAGCTACTCGGGAGGAGT
 TCACTGCCTTTCTGCACCCAGAGGAGTTTGAACATATGAAGGAGATTGTAGTCTGGAAACCCTGGAGGA
 CATCGACAAGAACGGGGATGGTTTTGTGGACCAGGATGAGTACATCGCGGACATGTTTTCCACGAGGAC
 AATGGCCCTGAGCCAGACTGGGTTTTGTCTGAACGGGAGCAGTTCAACGACTTCCGAGATCTGAACAAGG
 ATGGGAAGCTGGACAAGGATGAGATTGCCACTGGATCCTCCTCAGGACTACGACCATGCGCAGGCCGA
 GGCCCGGCATCTGGTGTACGAGTCAGACAAAAACAAGGACGAGATGCTGACCAAGGAGGAGATTCTGGAC
 AACTGGAACATGTTTGTGGGAAGCCAAGCTACCAACTACGGGGAAGACCTGACCAAAAAATCATGATGAAC
 TTTGAAAGACACTGGTTCTGGTGTGGCCAACTGTGCGAGGCTGTCTGCAGGTGTAGTGGGTGATTGCTAT
 AGTTGTCAAGGTATAGCAGTTGTGTCCCTTAACAGTGGGATTATACCTCAGATTGGGGTAAAAATTAT
 TTTTCACTCCATATTTACTGGGAAATAACCATCATTATTTATTCCAGTAGGATTTCCCGTGAAGCACATT
 AAACCTCTGGCAAATTGCAGTCTCTGAGGGGATACATTGCTACAGCATGATTTTTCTAGACTCCTCTCC
 CCCACTTAACCTATTAATGGGGAAGAGACCATGAAAGGGCTCTGTAACCAAGGTGGGTGGGTGGACAC
 TGTACAGAGTAACCGCTGTGATTTGAACTATTAATTTTGGGGTTTTAGTTGCCACTGTTAAACGGTG
 GTGAAGGTAAAGGCTGAAGGAATCAATTTGTATTGTCTTGGAGCAGGCATGGTATTTCAAATCTCTAT
 ACTTGGAGCTGTCTTGTAAATGGTATATAAACTTTTGTGCGTTTTCTGTATAGACCTGCTAATGTGCAC
 AATAAACCCACATCTGGGGTTTTTGTGTTTTTAACTAAGAAGCAATCAAAAAAGATAATGTGA
 ACAAAAAACGAATTTTAGGGATAGGAAAAAGATGGATGCTAGGTATTTGAAAACTGTATGACCATGGTC
 AACACCTTAATATACTTGAGAATTTTTTTTACATGTTAATGAGGTGGGTCTGTTTTTTTAAATAGTGAAT
 GGAAATGCAGTCCCTCCCTGGCTGTGAGGCTAGGGATCAGATGATGAGTGGATTTATTATTTGTTGAGTCT
 GAATCTCTGAGCTGCTTCTAGCACAGCTTATGCCAAGGAAACAGGGCAAGGTGAACATCTCAGCCATTG
 ACCAACTAGCTGGAGTAACACTTACAGGTGAAATTCACCCTGTAGATGGGAGGAAAGTGAATAAAGGA
 TGCCTTTGAGGATCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_009037

Insert Size: 978 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:

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC049108 , AAH49108
RefSeq Size:	2002 bp
RefSeq ORF:	978 bp
Locus ID:	19672
UniProt ID:	Q05186
Cytogenetics:	2 55.18 cM
Gene Summary:	May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment.[UniProtKB/Swiss-Prot Function]