

Product datasheet for **RN204195**

Rcn2 (NM_017132) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rcn2 (NM_017132) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Rcn2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN204195 representing NM_017132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGCTGGGCCAAGGCCCGGGTGTGGGGCTGCTGCTGCTGCTGCTGTACGCCGGTGGCCG
 GCGCCAGCAAGGCGGAGGAGCTGCATTACCCGCGGGGCGAGCACCGGGCGGACTACGACCCGAAACGCT
 GCTAGGTGTCCAGGAAGACGTCGACGAGTATGTTAAACTTGGCCACGAAGAGCAGCAAGACGATTGCAG
 TCGATCATAAAGAAAATTGACTCGGACTCTGATGGCTTCTCACTGAAAATGAACTCAGTCAGTGGATTC
 AGATGTCGTTTAAAGCATTATGCCATGCAAGAAGCCAAGCAGCAGTTTGTGGAGTATGACAAGAACAGCGA
 CGGCACGTGTGACGTGGGATGAGTACAACGTCCAGATGTATGACCGCGTGATTGACTTTGACGAGAACT
 GCTCTGGATGACACCGAGGAGGAGTCTTTAGGCAGCTCCATCTAAAGGATAAGAAGCGATTTGAAAAAG
 CTAACCAGGATTCTGGCCCTGGTCTGAATCTTGAAGAGTTTATTGCATTTGAACCCAGAAGAAGTTGA
 CTATATGACGGAGTTCGTCATTCAGGAGGCTTTGGAAGAGCATGACAAAAATGGTATGGGTTTGTAGT
 CTGGAAGAATTTCTTGGCGATTACAGGCGGGATCCAACGCAAAATGAAGACCCAGAATGGATACTTGTG
 AAAAGGACAGATTTGTGAATGATTATGACAAAGACAGCGATGGCCGCCTTGATCCCAAGAGCTGTTGTC
 CTGGGTGGTGCCTAATAACCAGGCATTGCCCAAGAGGAAGCTTTCATCTGATTGATGAGATGGATTTG
 AATAGTGACAAAAAGCTCTCGGAAGAAGAGATTCTGAAAAACCAAGACTTGTTCACCCAGCGAAGCCA
 CGGATTATGGCAGACAGCTCCACGATGACTATTTCTATCACGATGAGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_017132
 Insert Size: 963 bp



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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:	NM_017132.2 , NP_058828.2
RefSeq Size:	2031 bp
RefSeq ORF:	963 bp
Locus ID:	29218
UniProt ID:	Q62703
Cytogenetics:	8q24
Gene Summary:	may bind the presynaptic snake venom toxin taipoxin; may bind calcium [RGD, Feb 2006]