

## Product datasheet for **RN200626**

### Nr3c2 (NM\_013131) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nr3c2 (NM_013131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr3c2
Synonyms:	MCR; Mlr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200626 representing NM_013131 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAACCAAAGGCTACCACAGTCTCCCTGAAGGCTAGACATGGAAAGGCGCTGGAGTCAAGTGTCTC  
AGACCTTGGAGCGTTCTTCACTTGGACCTGCAGAGAGGACCCTGAGAACAACACTACATGGAGATTGTCAA  
CGTCAGCTGCGTTTCCGGTGCTATTCGAACAACAGTACTCAAGGAAGCAGCAAAGAAAAGCACGAATTA  
CTCCCTTACATTCAGCAAGACAATAGTCGGTCTGGGATTTGCCATCAGATATTAACACTGAGCTGGAAT  
CCAAGGAACCTTTCAGCCACGGTAGCTGAGTCCATGGGTTATATATGGATTCTGTGAGAGATGCCGAGTA  
CACTTACGATCAGCAGAACAAGGAAGCCTGAGCCCAACAAAGATTTATCAAAACATGGAGCAGCTG  
GTGAAGTTTTACAAGAGAATGGTCACAGTCCCTCCACACTGAGTGTATGAGCAGACCTTTGAGGTCAT  
TCATGCCTGACTCTGCAGCCTCCATGAATGGTGGGGCCTTGCCTGCCATCGTGAAGAGCCCTATCATCTG  
TCATGAGAAGAGCTCTTCTGTTAGCAGCCCGCTGAACATGGCATCTTCAGTATGCAGCCCTGTGGGCATC  
AACTCCATGTCTCTCCACGACTAGCTTTGGTAGTTCCAGTGCACAGTCCCATCACTCAAGGAACCT  
CACTGACATGCTCCCCAGTGTGAAAACAGAGGCTCAAGGTACACAGCCCCACACATGCGAGCAACGT  
GGGCTCCCCTCTTCAAGTCCATTGAGCAGCATGAAATCTCCAATCTCCAGCCCTCCAAGTCATTGCAGT  
GTAAAATCTCCAGTCTCCAGTCCAATAACGTCCCTCTGCGCTCCTCTGTGTCAGCCCGCAAATCTCA  
ACAACTCAAGGTGCTCCGTTTCCAGCCCTTCAACAACACCAACAATAGATCCACACTCTCCAGCCCGAC  
AGCCAGCACAGTGGGTCATCGGCAGCCCATCAGCAATGCCTTCAGCTATGCCACTTCAGGCGTCTTCT  
GCTGGAGCCGGTGCCATCCAGGATGTGGTTCCTAGTCCAGACACCCAGGAAAGGTGCTCACGACGTTT  
CTTTCCCTAAGACAGAGGAAGTCGAGAAGGCCATCTCCAATGGTGTGACTGGCCCGCTCAACATTGTCCA  
GTACATAAAATCAGAACCAGATGGGGCTTTCAGCAGTTCCTGTCTAGGAGGAAACAGCAAATCAGCCCC  
AGTTCTCCATTCTGTACCAATAAAGCAAGAGTCAAGCAAGCACTCATGTTCCAGGCGCCTTTTTAAAG  
GGAACCCACGGTCAACCCATTTCCATTATGGATGGCTCCTACTTTTCTTTATGGATGATAAGGACTA  
TTATTCCTATCAGGAATCTTAGGACCCTGTGCCCGGCTTTGATGGTAGCTGCGAGGACAGCGCATTC



CCAGTGGGGATTAAGCAAGAACCAGATGATGGGAGCTATTACCCTGAAGCCAGCATCCCATCATCTGCTA  
TCGTTGGTGTGAATTCGGGTGGACAGTCCTTTCACTACCGGATTGGTGTCTCAAGTACAATATCTTTATC  
ACGGTCACCTAGAGACCAATCTTTCCAACACTTGAGTTCTTCCCACCTGTCAATACATTAGTGGAAATCA  
TGGAAACCACACGGTGACCTGTCATCTAGGAGAAGTGATGGGTATCCCGTCTAGAGTACATTCCAGAAA  
ACGTGTCAAGCTCTACTTACGAAGTGTCTACTGGATCCTCAAGACCTTCCAAGATCTGTTTGGTGTG  
TGGAGATGAGGCTTCTGGGTGTCACTATGGGGTAGTGACCTGTGGCAGCTGCAAAGTCTTCTTCAAAGA  
GCCGTGGAAGGGCAACACAACACTATCTGTGTGCTGGAAGAAATGACTGCATTATTGATAAGATTCCGCGAA  
AGAAGTGTCTGCCTGCAGGCTCCAGAAATGCCTTCAAGCTGGCATGAACTTAGGAGCTCGAAAGTCAAA  
GAAGCTGGGGAAGTTAAAAGGCCTCCACAGGAGCAACCACAGCAGCCCCACCACCGCCACCCAGAGT  
CCAGAAGAGGGGACCACATACATCGCTCCGACCAAGGAGCCATCGGTGAACTCTGCGCTGGTCCCGCAGC  
TCACCTCCATTACGCATGCACTCACACCATCCCGGCCATGATCCTGGAGAACATCGAGCCTGAGACCGT  
GTATGCAGGCTACGACAATTCGAAGCCGACACCGCCGAGAGCCTGCTCTCCACGCTCAACCGCCTGGCA  
GCGAAACAGATGATCCAGGTCGTGAAGTGGCCAAAGTACTTCCAGGATTTAAAACTTGCCTCTCGAGG  
ACCAAATCACCTCATCCAGTATCTTGGATGTGTCTATCATCGTTCGTTTGGATTGGAGATCGTACAA  
ACACACGAACAGCCAACCTCTATTTTGTCCAGACCTAGTTTTAATGAAGAGAAGATGCATCAGTCT  
GCCATGTATGAACTGTGCCAGGGGATGCCCGAGATCAGCCTTCAATTCTGCGGGCTGCAGCTGACCTTTG  
AGGAGTACTCCATAATGAAGTTTTGTGCTACTAAGCACAGTTCAAAAAGATGGCCTCAAGAGCCAGGC  
TGATTTGAGGAGATGAGGACAAATTACATCAAAGAACTGAGGAAAAATGGTCAACCAAGTGTCCCAACAGT  
TCTGGACAGAGTTGGCAGAGGTTCTACCAACTGACCAAGCTTCTAGACTCCATGCATGATCTCGTGAGTG  
ACCTGCTAGAATTCTGCTTCTACACCTCCGAGAATCCAGGCTCTGAAGGTGGAGTTTCCCGCCATGCT  
GGTGGAGATCATACCGACCAGCTGCCAAAGGTGGAGTCTGGGAATGCCAAACCCCTTACTTTCACAGA  
AAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1493\\_e12.zip](https://cdn.origene.com/chromatograms/ja1493_e12.zip)

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_013131

**Insert Size:** 2946 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.

**RefSeq:** [NM\\_013131.1](#), [NP\\_037263.1](#)

**RefSeq Size:** 5884 bp

RefSeq ORF: 2946 bp  
Locus ID: 25672  
UniProt ID: [P22199](#)  
Cytogenetics: 19q11  
Gene Summary: mineralocorticoid receptor; involved in renal sodium and water regulation [RGD, Feb 2006]