

## Product datasheet for **RN212431**

### **Nr2c2 (NM\_017323) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr2c2 (NM_017323) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr2c2
Synonyms:	Tr4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN212431 representing NM\_017323  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACCAGCCCCTCCCCGCGCATCCAGATAATTTCCACCGACTCTGCGGTACGCTCACCTCAGCGCATT  
AGATTGTAACAGACCAGCAGACAGGACAAAAGCTCCAGATAGTACCCGAGTGGACGCCTCTGGATCCTC  
TAAACAGCAGTTCATCCTAACCCAGCCAGATGGAGCTGGAAGTGGAAAGGTGATCCTGGCTTCTCCAGAG  
ACATCCAGTGCCAAGCAGCTCATATTCACCACCTCAGACAACCTTGTCCCTGGCAGGATCCAGATCGTCA  
CGGATTCTGCTTCTGTGGAGCGATTGCTGGGGAAGGCAGACGTCCAGCGGCCCCAGGTGGTGGAGTACTG  
TGTGGTCTGTGGTGACAAAGCCTCTGGCCGACACTATGGGGCTGTCAGTTGTGAAGTTGCAAAGGTTTC  
TTCAAAGGAGTGTGAGGAAGAATCTGACCTATAGCTGTCGTAGCAGCCAAGACTGCATCATCAACAAGC  
ACCACCGCAACCCTGCCAGTTCTGCCGGCTGAAGAAGTCCCTGGAGATGGGCATGAAGATGGAGTCTGT  
ACAGAGTGAACGGAAGCCCTTTGATGTGCAACGGGAGAAACCAAGCAATTTGTCTGCTTCCACTGAGAAG  
ATCTATATCCGAAAGACCTGAGAAGTCCCTGATAGCCACTCCACATTTGTGGCAGACAAAGATGGAT  
CAAGACAGACTGGTCTTCTTGATCCAGGGATGCTTGTGAACATCCAACAGCCCTTTGATACGTGAGGATGG  
TACAGTCTTTTGGCCACGGATTCCAAGGCTGAAACAAGCCAAGGAGCTCTAGGTACACTGGCAAATGTA  
GTGACCTCTCTGGCCAACCTGAGTGAATCTTTGAACAATGGTGTGCTTCAGAAATGCAGCCAGAGGACC  
AGTCTGCAAGTGAATACACGGGCATTTGACACCCTAGCGAAAGCACTTAATACCACAGATAGTGTCTC  
ACCTCCAAGCCTGGCAGATGGGATAGATGCTAGTGGAGGAGGGAGTATCCATGTCATCAGCAGAGATCAG  
TCAACACCCATCATTGAAGTGAAGGCCCTCTCCTTTGACACACATGTCACATTTAAGCTTACAATGC  
CTAGTCCATGCCAGAGTACCTCAATGTACATTACATCTGCGAGTCTGCATCCCGCCTGCTTTTCCCTCTC  
CATGCACTGGGCAAGGTCAATCCAGCCTTCCAGGCACTTGGACAGGACTGCAATACCAGCCTGGTACGG  
GCCTGCTGGAATGAGCTTCTCACTCTTGGCCTGGCCAGTGTGCCAGGTGATGAGTCTCTCCACCATCC  
TGGCAGCCATTGTCAACCACTTACAGAACAGCATCCAGGAAGATAAGCTTTCTGGTGACCGGATAAAGCA  
AGTCATGGAGCACATCTGGAAGCTGCAGGAGTTCTGTAACAGCATGGCAAACTGGATATAGACGGTCTAT  
GAGTACGCATACCTTAAAGCTATAGTCTCTTTAGTCCCGATCATCCAGGTTTGGACGGCACAAGCCAGA  
TTGAGAAATTTGAGGAGAAGGCACAGATGGAATTACAAGACTATGTGCAGAAAACCTACTCAGAAGACAC  
ATACAGATTGGCCAGGATCTTGTCCGCTGCCAGCACTCAGGCTTATGAGCTCCAATATAACAGAAGAA  
CTTTTTTTACTGGTCTCATTGGCAATGTTTCAATAGACAGCATAAATCCCTACATCCTAAAGATGGAGA  
CAGCAGAAATAATGGCCAGATACCGGAGCCAGTCTA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_017323

**Insert Size:** 1791 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\\_017323.1](#), [NP\\_059019.1](#)

**RefSeq Size:** 2508 bp

**RefSeq ORF:** 1791 bp

**Locus ID:** 50659

**UniProt ID:** [P55094](#)

**Cytogenetics:** 4q34

**Gene Summary:** member of the nuclear receptor subfamily 2; involved in stress response pathway; potentially involved in neuronal differentiation [RGD, Feb 2006]