

## Product datasheet for **RN208434**

### **Nr2c1 (NM\_145780) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr2c1 (NM_145780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr2c1
Synonyms:	Psg4; Tr2; TR2-11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208434 representing NM\_145780  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGACCATAGAAGAAATTGCACATCAGATTATTGACCAACAGATGGGTGAGATTGTTACAGAGCAGC  
 AGACTGGACAGAAAATCCAGATCGTGACAGCACTTGACCACAGCACACAGGGCAAGCAGTTCATTCTAGC  
 AAACCATGAGGGATCCACCCAGGGAAAGTCTTCTCACGACACCAGATGCTGCAGGTGTCAACAGTTG  
 TTTTTGCCAGTCTGTGTCCACACCACCTCCAGCTCTTAACAGAAAATTCTCTGACCAGGGAC  
 CAAATAAGGTCTTTGACCTTTGCGTTGTGTGGAGACAAAGCATCAGGCCGCCATTACGGAGCAATAAC  
 TTGTGAGGGCTGCAAAGGGTTTTTAAAGAAGCATCCGGAAGAATCTAGTGTACTCGTGCCGGGGTCC  
 AAAGACTGCATCATTACAAGCACCACCGAACCGCTGCCAATACTGCCGGCTGCAGCGGTGCATAGCCT  
 TCGGGATGAAGCAAGACTCCGTTCAAGTGTGAAAGAAAGCCATTGAAGTGTCCGAGAAAAGTCTCCAA  
 CTGTGCAGCTTACAGAGAAAATCTACATCCGAAAAGACCTCCGAAGCCCTCTGGCTGCAACGCCAAC  
 TTTGTAACGGACAGCGAGACTGCCAGGTCAACTGGACTGTTGGATTCCGGGATGTTTGTGAATATTCATC  
 CATCTGGAATAAAGACAGAACCAGCTCTGCTAATGACACCAGATAAGGCTGAGTCTGTCAGGGAGACT  
 GGGCACATTGGCCAGTGTGGTACGTCATTAGCGAATCTCGGCAAGGCTAAAGACCTTCTCACTGTGGT  
 GGCGATCGCCTGTGGTGCAGAGCTTGCCAATGGAGATACATCCTTTGGTGCATTTTCATCAGGATATCC  
 AGACCAATGGTGTGTCAAGGGCATTGACAATCTTGCAAAGCATTGACTCCCGGAGAAAACCCAGC  
 CTGCCAGAGCCCAGGAGAGCATGGAAGGAAGCACACATCTAATCGCTGGAGAGCCAAGCTGCATGGAG  
 AGAGAGGGGCCACTGCTCAGCGATTCCGATGTCGTTTTTCAGGCTCACCATGCCTTCTCTATGCCCGAGT  
 ACCTGAATGTGCACTACATTGGGGAGTCGGCCTCCAGACTGCTGTTCTTATCGATGCACCTGGGCGCTTC  
 CATACTTCTTTCCAGGCGCTCGGGCAAGAAAACAGCATATCACTGGTAAAAGCCTATTGGAATGAACTC  
 TTTACCCTCGGTCTCGCCAGTGTGGCAAGTGTGAACGTCGCAACTATATTAGCAACGTTTGTCAACT  
 GTCTTCACAATAGCCTTTCAGCAAGATAAAAATGTCCCGGAGAGGAGGAAGTTGTTGATGGAGCACATCTT  
 CAAGCTGCAGGAGTTCTGTAATAGCATGGTGAAGCTCTGCATAGACGGGCATGAGTACGCCCTACCTCAAG  
 GCCATCGTTCTTTCAGTCCCGACCATCCAGGCCTGGAGAACATGGAGCTGATTGAGAAAATTTAGGAAA  
 AGGCCTATGTGGAATCCAAGATTACATCACCAGGACATATCCAGATGACACCTACAGGCTGTCTAGATT  
 ACTTCTCAGACTGCCGGCTTGGCGCTGATGAATGCCACCATCACTGAGGAATTGTTCTTCAAAGGTCTC  
 ATTTGGCAACGTACGGATCGACAGTGTATCCACACATTTTAAAATGGAGCCTGCAGATTACAACCTCTC  
 AAATAATTGGTCCAGCCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_145780
- Insert Size:** 1773 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\\_145780.1](#), [NP\\_665723.1](#)

**RefSeq Size:** 2294 bp

**RefSeq ORF:** 1773 bp

**Locus ID:** 252924

**UniProt ID:** [Q8VIJ4](#)

**Cytogenetics:** 7q13

**Gene Summary:** mouse Nr2c1 exhibits transcription factor, subtilase, ligand-dependent nuclear receptor and steroid hormone activities [RGD, Feb 2006]