

Product datasheet for **RN213443**

Nr4a2 (NM_019328) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr4a2 (NM_019328) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr4a2
Synonyms:	Nurr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213443 representing NM_019328
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTTGTGTT**CAGGCGCAGTATGGGTCTCGCCTCAAGGAGCCAGCCCGCTTCTCAGAGCTACAGTT**
ACCACTCTTCGGGAGAATACAGCTCCGATTTCTTAACTCCAGAGTTTGTCAAGTTTAGCATGGACCTCAC
CAACACTGAAATTA**CTGCCACCACTTCTCTCCCCAGCTTCAGTACCTTTATGGACA**ACTACAGCACAGGC
TACGACGTCAAGCCACCTTGCTTGTACCAAATGCCCTGTCCGGACAGCAGTCCCTCATTAAAGGTAGAAG
ACATTCAGATGCACA**ACTACCAGCAACACAGCCACCTGCCCCCTCAGTCCGAGGAGATGATGCCACACAG**
CGGGTCGGTTTACTACAAGCCCTCTTCGCCCCGACACCCAGCACCCCGGGCTTCCAGGTGCAGCATAGC
CCGATGTGGGACGATCCGGGCTCCCTTCA**CAACTTCCACCAGA**ACTACGTGGCCACTACGCATATGATCG
AGCAGAGGAAGACACCTGTCTCCCGCTTCTACTTCTCTCTTAAAGCAGTGC**CCCCCGGCACTCCTGT**
GTCTAGCTGCCAGATGC**GCTTTGACGGGCTCTGCACGTCCCATGA**ACCCGGAGCCCGGGGCAGCCAC
CACGTAGTGGATGGG**CAGACCTTCGCCGTGCCAATCCCATTCGCAAGCCGGCATCCATGGGCTTCCCGG**
GCCTGCAGATCGGCCACGCGTCCGAGTTGCTT**GACACGCAGGTGCCCTCGCCGCCGTCCCGGGGCTCTCC**
CTCCAATGAGGGTCTGTGCGCTGTTTGC**GGTGACAACGCGGCCTGT**CAGCATTACGGTGTTCGC**ACTTGT**
GAGGGCTGCAAAGGTTTCTTTAAGCGCACGGTGC**AAAAAACGCGAAATATGTGTGTTTAGCAAATAAAA**
ATTGCCAGTGGATAAGCGCCCGGAAATCGTTGT**CAGTACTGT**CGGTTT**CAGAAGTGCCTGGCTGTTGG**
GATGGTTAAAGAAGTGGTT**CGCACGGACAGTTTAAAAGCCGGAGAGT**CGTCTACCTCAAACCGAAG
AGCCCACAGGATCCCTCTCC**CCCTCACCTCCGGT**GAGTCTGATCAGTGCCTCGT**CAGAGCCCACGTCC**
ACTCCAATCCGGCAATGACCAGCCTGGACTAT**TCCAGTTCCAGGCAAACCTGACTATCAGATGAGTGG**
AGATGATACTCAACATATCCAGCAGTTCTACGATCTCCTGACTGGCTCTATGGAGATCATCAGAGGGTGG
GCAGAGAAGATTCTGGCTTTGCTGACCTGCCAAAGCCGATCAGGACCTGCTTTTTGAATCAGCTTTCT
TAGAATTATTTGTTCTACGCTTAGCATA**CAGTCCAACCCAGTGGAGGGTAAACTCATCTTTTGAATGG**
GGTGGTCTTGACAGGTTGCAATGC**GTGCGTGGCTTTGGGGAATGGATTGATTCCATTGTTGAATTCTCC**
TCCA**ACTTGCAGAATGAACATCGACATTTCTGCCTTCTCCTGCATTGCTGCCCTGGCTATGGT**CACAG
AGAGACACGGGCTCAAGGAACCAAGAGAGTGG**AAGAGCTACAAAACAAATTGTA**AATTGTCTTAAAGA
CCATGTGACTTTCAATAATGGGGATTGA**ACCGACCAACTACCTGTCCAACTGTTGGGGAAGCTCCCA**
GA**ACTTGCACCCTTTGCACACAGGGGCTCCAGCGATTTTCTACCTGAAATTGGAAGACTTGGTACCAC**
CACCAGCAATAATTGACAA**ACTTTTCTGGACACCTTACCTTTCTAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_019328

Insert Size: 1797 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_019328.3](#), [NP_062201.2](#)

RefSeq Size: 2582 bp

RefSeq ORF: 1797 bp

Locus ID: 54278

UniProt ID: [Q07917](#)

Cytogenetics: 3q21

Gene Summary: nuclear receptor and transcription factor; plays a role in development and maintenance of neurons synthesizing the neurotransmitter dopamine [RGD, Feb 2006]