

Product datasheet for **RN201006**

Nr4a1 (NM_024388) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr4a1 (NM_024388) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr4a1
Synonyms:	HMR; Ngfi-b; Nur77
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201006 representing NM_024388
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCTGTATCCAAGCTCAATATGGAACACCAGCAACCAGCCAGGACCGCGTGACCACCTGACAGGTG
 ACCCCCTGGCCCTTGAGTTCAGCAAGCCACCATGGACCTGGCCAGCCCGAGACGGCGCCACCAGCACC
 TGCCACCCTGCCAGTTTCAGCACCTTCATGGACGGCGGATACACCGGAGAGTTTGACACCTTCCTATAC
 CAGCTGCCGGGGACAGCCAGCGTGCTCCTCGGCCTCCTCCACATCTTCTTCTCGTCCTCGGCCACCT
 CTCCCGCGTCGGCTTCTTTAAGTTTGAGGACTTTCAGGTGTATGGCTGTACCCCTGGCACCCCTGAGCGG
 CCCATTAGACGAGACCCTGTCTCCAGTGGCTCTGATTACTATGGAAGCCCTGCTCAGCCCGTCAACCA
 CCTACACCCAACCTCCAGCCATCCAGCTCTCCCTTGGGATGGTTCATTTGGCCACTTCTCCCCAGCC
 AGACTTATGAAGGCCTTCGGGTATGGACTGAGCAGTTGCCAAGGCTTCCGGGCCCTCGCCACCTCAAC
 CTTCTTCTCCTCAGTCTCCACCGGTCCAGCCCGAGCTGGCCAGAGTTCCCTGAAGTTGTTCCCA
 GCACCAGCCACCCAGCTAGGGGAGGGGAGAGCTATTCCTGCCAGCCGCTTCCCGGGCTTGGCAC
 CCACCTCTCCGAAGTGTGACACTTCCGGCATTCTGGACGCACCCGTAACCTCCACCAAGGCCCGCAGTGG
 GTCTTCAGGGGGCAGTGAGGGCCGCTGTGCTGTGTGGAGACAACGCTTCGTGCCAGCATTATGGGGTC
 CGCACCTGTGAGGGCTGCAAAGGCTTCTTAAGCGCACAGTACAGAAAAGTGCCAAGTACATCTGCCTGG
 CAAACAAGGACTGCCCTGTGGACAAGAGGGCGGGAACCGCTGCCAGTTCTGTGCTTCCAGAAGTGCT
 GGCTGTGGCATGGTGAAGGAAGTTGTCCGGACAGACAGCCTAAAGGGCGGGCGGGCCGGCTACCTTCA
 AAACCAAGCAGCCCGCAGATGCCTCCCTACCAATCTCCTCACGTCCCTCATTGAGCACATTTGGACT
 CCGGGCCTAACACTGCCAAGTTGGACTATTCCAAGTTCAGGAAGTGGTGTGCCCGCTTGGAAAGGA
 AGATGCCGGTGACGTGCAGCAATTTTATGACTTGCTCTCTGGCTCCCTGGACGTACCCGGAAGTGGGCG
 GAAAAGATCCCGGCTTATTGAGCTTTCCCGAGGAGACCAAGACCTGTTGCTAGAGTCCGCCTTCTGG
 AGCTCTTTATCCTCCGCCTGGCCTACCGATCTAAGCCCGGTGAGGGGAAGCTCATCTTCTGCTCAGGCC
 GGTGCTACACCGCTGCAGTGTGCCCGGGCTTTGGTACTGGATAGACAACATTCTAGCCTTCTCACGG
 TCCCTGCACAGCTTGGGTGTTGATGTTCTGCCTTTGCCTGCCTGTCTGCTGCTGCTCCTCATCACTGATC
 GACATGGCCTCCAGGACCCTCGGCGGTGGAGGAGCTGCAGAACCGCATTGCTAGCTGTCTGAAGGAACA
 CATGGCCCGCTGGCAGGAGACCCAGCCGGCCAGCTGCCTGTACAGTCTGCTGGCAAACCTGCCTGAG
 CTCGGACTCTGTGCACCAAGGCTACAGCGCATTTTTGCCTCAAGCTGGAGGACTTGGTGCCCCCTC
 CACCTATCGTGGACAAGATCTTTATGGACACTTGTCTTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_024388
- Insert Size:** 1794 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_024388.2](#), [NP_077364.2](#)

RefSeq Size: 2495 bp

RefSeq ORF: 1794 bp

Locus ID: 79240

UniProt ID: [P22829](#)

Cytogenetics: 7q36

Gene Summary: putative ligand-dependent transcriptional activator [RGD, Feb 2006]