

## Product datasheet for **MC216955**

### **Nr6a1 (NM\_010264) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr6a1 (NM_010264) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr6a1
Synonyms:	1700113M01Rik; Gcnf; NCNF; RTR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216955 representing NM\_010264  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGCGGGACGAACGGCCACCTAGCGGAGGGGGAGGCGGCGGGGCTCGGCGGGTTCCTGGAGCCGC  
 CCGCCGCGCTCCCTCCGCCGCGCAACGGTTTCTGTCAGGATGAATTGGCAGAGCTTGATCCAGGCAC  
 TAATGGAGAGACTGACAGTTTAACTTGGCCAAGGCCATATACCTGTTCCGTCCAGATGATCGAGCT  
 GAACAACGAACCTGTCTCATCTGTGGGACCGCTACGGGCTTGCATATGGGATCATCTCCTGCGAGG  
 GCTGCAAGGGGTTTTCAAGAGGAGCATTTGCAACAAACGGGTGTATCGGTGCAGTCGTGACAAGAACTG  
 TGTCTGTCCCGAAGCAGAGGAACAGATGTCAGTACTGCCGCTGCTCAAGTGTCTCCAGATGGGCATG  
 AACAGGAAGGCTATCAGAGAAGATGGCATGCCTGGAGGCCGGAACAAGAGCATTGGACCAGTCCAGATAT  
 CAGAAGAAGAAATTGAAAGAATCATGTCTGGACAGGAGTTTGAGGAAGAAGCCAATCACTGGAGCAACCA  
 TGGTGACAGCGACCACAGTTCCTGGGAACAGGGCTTCAGAGAGCAACCAGCCCTCACCAGGCTCCACA  
 CTATCATCCAGTAGGCTGTGGAATAAATGGATTTCATGGCATTAGGGATCAGTACATGGGGATGTCAG  
 TGCTCCACATTATCAATACATACCACACCTTTTTAGCTATTCTGGCCACTCACCACCTTTTGCCCCACA  
 AGCTCGAAGCCTGGACCCTCAGTCTACAGTCTGATTTCATCAGCTGATGTCAGCCGAAGACCTGGAGCCA  
 TTGGGCACACCTATGTTGATTGAAGATGGGTATGCTGTGACACAGGCAGAAGCTGTTTGCTGCTTTGCC  
 GCCTGGCCGACGAGTTGCTCTTTAGGCAGATTGCTGGATCAAGAAGCTGCCTTTCTTCTGCGAGCTCTC  
 AATCAAGGATTACAGTGCTCTTGAGCTCTACGTGGCAGGAGTTAATCCTGCTCCTCCCTCACAGTG  
 TACAGCAAGCAGATCTTTGGGGAGCTGGCTGATGTCACAGCCAAGTACTACCCTCTGATGAAGAAGTCC  
 ACAGATTTAGTGATGAAGGGATGGAGTGATTGAACGACTCATCTACCTATATCACAAGTCCATCAGCT  
 GAAGGTACAGCAACGAGGAGTACGCATGCATGAAAGCAATTAACCTCCTGAATCAAGATATCAGGGGTCTG  
 ACCAGTGCCTCACAGCTGGAACAAGTGAACAAGCGGTATTGGTACATTTGTCAGGATTTCACTGAATATA  
 AATACACACATCAGCCAAACCGCTTTCCTGATCTTATGATGTGCTTGCCAGAGATCCGATACATCGCAGG  
 CAAGATGGTGAATGTGCCCTGGAGCAGCTGCCCTCCTCTTTAAGGTGGTGTGCACTCCTGCAAGACA  
 AGTACGGTGAAGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3010\\_g02.zip](https://cdn.origene.com/chromatograms/ja3010_g02.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_010264

**Insert Size:** 1488 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_010264.4](#), [NP\\_034394.1](#)

**RefSeq Size:** 6185 bp

**RefSeq ORF:** 1488 bp

**Locus ID:** 14536

**UniProt ID:** [Q64249](#)

**Cytogenetics:** 2 B

**Gene Summary:** Orphan nuclear receptor. Binds to a response element containing the sequence 5'-TCAAGGTCA-3'. May be involved in the regulation of gene expression in germ cell development during gametogenesis.[UniProtKB/Swiss-Prot Function]  
 Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.