

## Product datasheet for **MR222359**

### **Nr6a1 (NM\_001159549) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nr6a1 (NM_001159549) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nr6a1
Synonyms:	1700113M01Rik; Gcnf; NCNF; RTR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR222359 representing NM\_001159549  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACATGGGAAGTTCCGTCCAGATGATCGAGCTGAACAACGAACCTGTCTCATCTGTGGGGACC  
 GCGCTACGGGCTTGCACTATGGGATCATCTCTCGAGGGCTGCAAGGGTTTTTCAAGAGGAGCATTG  
 CAACAAACGGGTGTATCGGTGCAGTCGTGACAAGAACTGTGTATGTCCCAGGAGCAGAGAACAGATGT  
 CAGTACTGCCCTGCTCAAGTGTCTCCAGATGGGCATGAACAGGAAGGCTATCAGAGAAGATGGCATGC  
 CTGGAGGCCGGAACAAGAGCATTGGACCAGTCCAGATATCAGAAGAAGAAATTGAAAGAATCATGTCTGG  
 ACAGGAGTTTGAGGAAGAAGCCAATCACTGGAGCAACCATGGTGACAGCGACCACAGTCCCTGGGAAC  
 AGGGCTTCAGAGAGCAACCAGCCCTCACCAGGCTCCACACTATCATCCAGGTCTGTGGAATAAATGGAT  
 TCATGGCATTCAAGGATCAGTACATGGGATGTCAGTGCCTCCACATTATCAATACATACCACACCTTTT  
 TAGCTATTCTGGCCACTCACACTTTTGCCTCCACAAGCTCGAAGCCTGGACCCTCAGTCTACAGTCTG  
 ATTCATCAGCTGATGTCAGCCGAAGACCTGGAGCCATTGGGCACACCTATGTTGATTGAAGATGGGTATG  
 CTGTGACACAGGCAGAAGTGTCTGCTTTCCTGCTGGCCGACGAGTTGCTCTTTAGGCAGATTGC  
 CTGGATCAAGAAGCTGCCTTTCTTCTGCGAGCTCTCAATCAAGGATTACACGTGCCTCTTGGAGCTACG  
 TGGCAGGAGTTAATCCTGCTCTCCTCCCTCACAGTGTACAGCAAGCAGATCTTTGGGGAGCTGGCTGATG  
 TCACAGCCAAGTACTCACCTCTGATGAAGAATCCACAGATTTAGTGATGAAGGGATGGAGGTGATTGA  
 ACGACTCATCTACCTATATCACAAGTCCATCAGCTGAAGGTGAGCAACGAGGAGTACGCATGCATGAAA  
 GCAATTAACCTCCTGAATCAAGATATCAGGGGTCTGACCAGTGCCTCACAGCTGGAACAACCTGAACAAGC  
 GGTATTGGTACATTTGTCAGGATTTCACTGAATAAATACACACATCAGCCAAACCGCTTTCCTGATCT  
 TATGATGTGCTTGCCAGAGATCCGATACATCGCAGGCAAGATGGTGAATGTGCCCTGGAGCAGTCCCC  
 CTCCTCTTAAAGTGGTGTGCTGCACTCCTGCAAGACAAGTACGGTGAAGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR222359 representing NM\_001159549  
 Red=Cloning site Green=Tags(s)

METWEVSPDDRAEQRTCLICGDRATGLHYGIIISCEGCKGFFKRSICNKRYYRCSRDKNCVMSRKQRNRC  
 QYCRLLKCLQMGMRKAIREDGMPGGRNKSIGPVQISEEEIERIMSGQEFEEEEANHWSNHGSDHSSPGN  
 RASESNQPSPGSTLSSRSVELNGFMFRDQYMGMSVPPHYQYIPLHFSYSGHSPLLPQARSLDPQSYSL  
 IHQLMSAEDLEPLGTPMLIEDGYAVTQAEFALLCRLADELLFRQIAWIKKLPFFCELSIKDYTCLLSST  
 WQELILLSSLTVYSKQIFGELADVTAKYSPSDEELHRFSDEGMEVIERLIYLYHKFHQLKVSNEEYACMK  
 AINFLNQDIRGLTSASQLEQLNKRYWYICQDFTEYKYTHQPNRFPDLMCLPEIRYIAGKMVNVPLEQLP  
 LLFKVVLHCKTSTVKE

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9038\\_f06.zip](https://cdn.origene.com/chromatograms/mm9038_f06.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**ACCN:** NM\_001159549

**ORF Size:** 1311 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

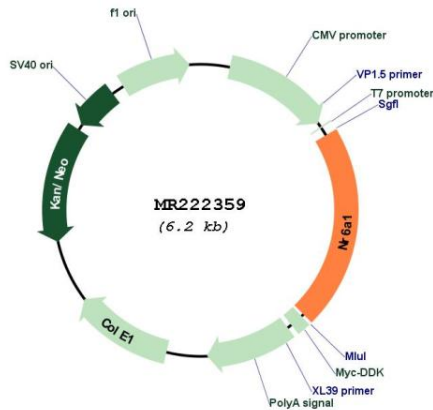
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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\\_001159549.1](#), [NP\\_001153021.1](#)

RefSeq Size: 5874 bp  
 RefSeq ORF: 1314 bp  
 Locus ID: 14536  
 Cytogenetics: 2 B  
 MW: 50.8 kDa

**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]

**Product images:**



Circular map for MR222359