

Product datasheet for **MC215789**

Nr6a1 (NM_001159548) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr6a1 (NM_001159548) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr6a1
Synonyms:	1700113M01Rik; Gcnf; NCNF; RTR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215789 representing NM_001159548 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGACATGGGAAGTTCCGTCCCAGATGATCGAGCTGAACAACGAACCTGTCTCATCTGTGGGGACC
GCGCTACGGGCTTGCACTATGGGATCATCTCCTGCGAGGGCTGCAAGGGGTTTTCAAGAGGAGCATTG
CAACAAACGGGTGTATCGGTGCAGTCGTGACAAGAAGTGTGTATGTCGCCGAAGCAGAGGAACAGATGT
CAGTACTGCCGCCTGCTCAAGTGTCTCCAGATGGGCATGAACAGGAAGGCTATCAGAGAAGATGGCATGC
CTGGAGGCCGGAACAAGAGCATTGGACCAGTCCAGATATCAGAAGAAGAAATTGAAAGAATCATGTCTGG
ACAGGAGTTTGAGGAAGAAGCCAATCACTGGAGCAACCATGGTGACAGCGACCACAGTTCGCCCTGGGAAC
AGGGCTTCAGAGAGCAACCAGCCCTCACCAGGCTCCACACTATCATCCAGTAGGTCTGTGGAACTAAATG
GATTCATGGCATTCAAGGATCAGTACATGGGGATGTCAGTGCCTCCACATTATCAATACATACCACCT
TTTTAGCTATTCTGGCCACTCACCCTTTTGCCTCCACAAGCTCGAAGCCTGGACCCTCAGTCTACAGT
CTGATTCATCAGCTGATGTCAGCCGAAGACCTGGAGCCATTGGGCACACCTATGTTGATTGAAGATGGGT
ATGCTGTGACACAGGCAGAAGTGTCTGCTGCTTTGCCGCTGGCCGACGAGTTGCTCTTTAGGCAGAT
TGCTTGATCAAGAAGCTGCCTTTCTTCTGCGAGCTCTCAATCAAGGATTACACGTGCCTCTTGAGCTCT
ACGTGGCAGGAGTTAATCCTGCTCCTCCCTCACAGTGTACAGCAAGCAGATCTTTGGGGAGCTGGCTG
ATGTCACAGCCAAGTACTCACCCTCTGATGAAGAAGTCCACAGATTTAGTGATGAAGGGATGGAGGTGAT
TGAACGACTCATCTACCTATATCACAAGTTCATCAGCTGAAGGTGAGCAACGAGGAGTACGCATGCATG
AAAGCAATTAACCTCCTGAATCAAGATATCAGGGGTCTGACCAGTGCCTCACAGCTGGAACAAGTGAACA
AGCGGTATTGGTACATTTGTCAGGATTTCACTGAATATAAATACACACATCAGCCAAACCGCTTTCCTGA
TCTTATGATGTGCTTGCCAGAGATCCGATACATCGCAGGCAAGATGGTGAATGTGCCCTGGAGCAGCTG
CCCCTCCTCTTAAGGTGGTGTGCACTCCTGCAAGACAAGTACGGTGAAGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001159548
Insert Size:	1317 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:	<ol style="list-style-type: none">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:	<u>NM_001159548.1</u> , <u>NP_001153020.1</u>
RefSeq Size:	5877 bp
RefSeq ORF:	1317 bp
Locus ID:	14536
UniProt ID:	<u>Q64249</u>
Cytogenetics:	2 B
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to 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.</p>