

Product datasheet for **MC222961**

Nr3c2 (NM_001083906) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr3c2 (NM_001083906) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr3c2
Synonyms:	MIr; MR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222961 representing NM_001083906 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCAAAGGCTACCACAGTCTCCCTGAAGGCTAGATATGGAAAGGCGCTGGAGTCAAGTGTCTC
AGACCTTGGAGCGTTCTTCTCTTGGACCTGCAGAGAGGACCAATGAGAACAGCTACATGGAGATTGTCAA
CGTCAGCTGCGTTTCCGGTGCTACTCCGAACAACAGTACTCAAGGGAGCAGCAAAGAAAAACACGAATTA
CTCCCTTGTCTTCAGCAAGACAATAGTCGGTCTGGGATTTGCCATCAGATATTAATACTGAGCTGGAAT
CCAAGGAACCTTTCAGCCACGGTGGCTGAGTCCATGGGTTTATACATGGATTCTGTGAGAGATGCCGAGTA
CACTTATGATCAGCAAAACCAACGAAGGAGCCTGAGCCCGCAAAGATTTATCAAAACATGGAGCAGCTG
GTGAAGTTTTACAAGAGAATGGTCACAGTCCCTCCACACTGAGTGCTATAAGCAGGCTTTGAGGTCAT
TCATGCCTGACTCTGGGACCTCCATGAATGGTGGGGCCTTGCGTGCCATCGTTAAGAGCCCAATCATCTG
TCATGAGAAGAGCCCCTCTGTTTGCAGCCCGCTCAACATGCCGTCTTCAGTATGCAGCCCGCGGGCATC
AACTCCATGTCTCTCCACAGCTAGCTTTGGCAGTTTCCAGTGCACAGTCCCATCACTCAAGGAACCT
CACTGACATGCTCCCCAGTGTGAAAAAGAGGCTCAAGGTACACAGCCCCGTACATGCGAGCAATGT
GGGCTCTCTCTTCAAGTCCATTAAGCAGCATGAAATCCCAATTTCCAGCCCTCCAAGTCACTGCAGT
GTAAATCTCCAGTATCCAGTCCAACAATGTCCCTCTGGCTCCTCTGTGTCAAGCCCGCAAAATCTTA
ACAATTCAGGTGCTCTGTTCCAGCCCTTCCAACACCAACAATAGATCTACACTCTCCAGCCCGACAGC
TAGCACAGTGGGGTCCATTGGCAGCCCCATCAGCAATGCCTTCAGCTATACCACTTCAGGCGCTTCGGCT
GGAGCCGGTGCCATCCAGGATATGGTTCCAGTCCAGACACCCACGAGAAAGGTGCTCACGACGTTCCCT
TCCCTAAGACAGAGGAAGTCGAGAAGGCCATTTCCAATGGTGTGACTGGTCAGCTCAACATTGTCCAGTA
CATAAAACCAGAACCAGATGGGGCTTTCAGCAGTCTCTGCCTAGGAGGAAACAACAAAATCAACCCAGT
TCTCCGTTCTCTGTACCAATAAAGCAAGAGTCAAGCAAGCACTCATGTTCCAGGCGCTCTTTAAAGGGA
ACCCACAGTCAACCCATTTCCATTTCATGGATGGCTCGTACTTTCTTTTATGGATGATAAAGACTATTA
TCCCTATCAGGAATCTTAGGACCACCTGTGCCGGCTTTGATAGTAGCTGTGAAGGCAGTGCCTCCCG



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GGGGGGATTAAGCAAGAACCAGATGATGGGAGCTATTTCCCTGAAACCAGCATCCCATCATCTGCCATCA
TTGGTGTGAATTCAGGTGGACAGTCCTTTCACTACCGGATTGGTGCTCAAGGTACAATATCTTTATCACG
GTCACCTAGAGACCAATCTTTCCAACACTTGAGTTCCTTTCCGCCTGTCAATGCATTAGTGGAGTCATGG
AAACCACACGGTGACCTGTCATCTAGGAGAAGTATGGGTACCCGGTCTAGAGTACATTCCAGAAAACG
TGTCAGCTCTACTTTACGAAGTGTCTACTGGATCCTCAAGACCTTCCAAGATCTGCTGGTGTGTGG
AGATGAGGCTTCTGGGTGTCATATGGGTAGTGACCTGCGGCAGCTGCAAAGTCTTCTTCAAAGAGCC
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ACTGTCTGCCTGCAGGCTCCAGAAATGCCTCCAAGCCGCATGAACTTAGGAGCTCGAAAAGTCAAAGAA
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GAAGAGGGGACCACATACATTGCTCCTACCAAGGAGCCATCAGTGAAGTCTGCGTGGTCCCGCAGCTCG
CCTCGATCACGCGTGCCTCAGCCATCCCGTCCATGATCCTGGAGAACATCGAGCCCAGATCGTGTA
TGCAGGCTACGACAATCCAAGCCTGACACCGCCGAGAGCCTGCTCTCCACGCTCAACCGCTGGCGGGC
AAGCAGATGATCCAAGTCGTGAAGTGGCCAAGTACTCCAGGATTTAAAAGTGCCTCTTGAGGACC
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TACGAACAGCCAATTTCTATTTTGCACCAGACCTAGTTTTTAAATGAAGAGAAGATGCATCAGTCTGCC
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AGTACTCCATAATGAAGTGTGCTACTGAGCACAGTTCCAAAAGATGGCCTCAAGAGCCAGGCTGC
GTTTGAGGAGATGAGGACAAATTACATCAAAGAACTGAGGAAAATGGTCCCAAGTGTCCCAACAGTTCT
GGACAGAGTTGGCAGAGGTTCTACCAACTGACGAAGCTTCTAGACTCCATGCATGATTTGGTGAATGACC
TGCTAGAATTCTGCTTCTATACCTTCCGAGAATCCCAGGCTCTGAAGGTGGAGTTTCCCGCCATGCTGGT
GGAGATCATCAGCGACCAGCTGCCAAAGGTGGAATCCGGGAACGCCAAGCCCTTACTTTCACAGGAAG
TGA
    
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AGCGGACCGACGCTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
    
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Chromatograms: https://cdn.origene.com/chromatograms/ja2137_h11.zip

Restriction Sites: Sgfl-RsrII

ACCN: NM_001083906

Insert Size: 2943 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 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_001083906.1](#), [NP_001077375.1](#)

RefSeq Size: 4087 bp

RefSeq ORF: 2943 bp

Locus ID: 110784

Cytogenetics: 8 36.34 cM