

Product datasheet for MC229611

Nrxn2 (NM_001205235) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nrxn2 (NM_001205235) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nrxn2
Synonyms: 6430591O13Rik; mKIAA0921
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229611 representing NM_001205235
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTCGGGAGTCGGTGGCAACCGCCACCCAGCTGCCGCCGCTGCTGTTGCTGCTGGCGCTGGCGG
 CAGGCGTCCGTGGCTTGGAGTTCGGCGGGCGCCCGGGCAGTGGGCTCGTACGCGGTTGGCGGGAGC
 GCGGAGCACCGGGGAGCTCAGCTTCAGCCTGCGCACCAACGCCACGCGCGCGCTGCTGCTCTACCTGGAC
 GACGGCGGCGACTGCGACTTCTTGGAGCTGCTGCTGGTGGACGGGCGCCTGCGGGCTGCGCTTACCGCTGT
 CTTGCGCGGAGCCCGCCACGCTGCAGCTGGACACGCCGGTGGCCGACGACCGCTGGCACATGGTGTGCT
 GACCCGCGACGCGCGGCACGGCGCTGGCGGTGGACGGCGAAGCCCGCGCCGCGAGGTCCGCTCAAAG
 CGGCGGAGATGCAGGTGGCCAGCGACCTGTTCTGGGCGGCATCCCTCCCGACGTGCGCCTATCTGCAC
 TCACGCTCAGCACCGTCAAGTACGAGCCGCTTCCGCGGCTTCTGGCCAACCTGAAGCTGGGCGAGCG
 GCCCGCGCGCTGCTGGGTAGCCAGGTCTGCGCGGTGCGGCCGCGACCTCTGTGTGCGCCTGCGCGC
 AATCCCTGCGCCAACGGCGGTCTCTGCACCGTGTAGCCCCGGCGAGGTGGGCTGCGACTGCAGCCACA
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 CAGCGAAGTAGGGTCTTACTGTTCTCCGAGGGGGGCGGGAGAGGAGAGCCGCGATGTGCACCCAG
 CCGACAAAAGGCAAGGAGGAATTTGGCAACCTTCAAGGGCAATGAGTCTTCTGCTACGACCTGTCCC
 ACAACCCGATCCAGAGCAGCACTGACGAGATCACACTGGCCTTCCGCACCTGCAGCGCAACGGGCTGAT
 GCTGCACACGGGGAAGTCGGCTGACTACGTCAACCTGTCCCTCAAGTCTGGGGCTGTCTGGCTGGTCATC
 AACCTAGGCTCAGGTGCCTTCGAGGCCCTCGTGAACCCGTCATGGCAAGTTCAACGACAACGCCTGGC
 ACGACGTCGGGTTACCCGAAACCTGCGCCAGGTGACCATCTCGGTGGACGGGATCTGACCACCACAGG
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 GCCGACCTGCCTGGCTCACCTGTGAGCAACAATTCATGGGCTGCCTCAAGGACGTGGTCTACAAGAATA
 ATGACTTCAAGCTGGAGCTGTCCGACTGGCTAAGGAAGGGGACCCGAAGATGAAGCTGCAGGGGATTT
 GTCTTCCGTTGTGAGGATGTGGCTGCCTTGGACCCTGTGACCTTTGAGAGTCTGAGGCCCTTTGTCGCA
 CTGCCCGCTGGAGCGCAAGCGCACTGGTTCCATCTCCCTGGACTTCAGAACCCTGAGCCCAATGGGT



TGTTGCTCTTCAGCCAGGGCCGGCGGGCTGGGGCCGGGTAGGCAGTCACAGTTCTACCCAGAGGGCCGA
 CTACTTTGCCATGGAGCTGTTGGATGGCTACCTCTACCTTCTGCTGGACATGGGCTCCGGGGGCATCAAG
 CTGCGGGCGTCTAGCCGAAGGTCAATGATGGTGAATGGTGCCACGTGGACTTCCAGAGGGACGGGCGCA
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 GGAGAGTGAGCTGTACCTGGGCGGTCTCCCGAGGGGGACGAGTGGACCTGCCACTGCCCTGAGGTG
 TGGACAGCTGCTCTCCGGGTGGCTACGTGGGCTGTGTGAGAGACCTTTCATCGATGGACGGAGCTCGAG
 ATCTCCGGGGCTGGCTGAGGCCAGGGGGCTGTGGGCGTTGCTCCTTTCTGCTCCCGGGAGACCTTGAA
 GCAGTGTGCGTCGGCCCTTGTGAAACGGGGCATCTGTGAGAGGGCTGGAACCGTTGCTGTGTGAC
 TGCATCGGGACCGCTTTCTGGGTGGGTCTGCGAGAGAGAGGCCACGGTCTTAAGCTATGACGGCTCCA
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 TCAGAGGGCATATGGACTCATGATGGCCACCACCTCCAGGGAGTCGGCTGACACTCTGCGTCTCGAGCTG
 GACGGGGGCGAGATGAGGCTCACCTCGACTGCCTGCGCGTGGCTGCGCACCCAGTAAAGGCC
 CCGAGACTGTGGCGGGCACAAGCTGAATGACAATGAATGGCACACGGTGGGGTGGTCCGGCGTGG
 CAAGAGCCTGCAGCTGTCCGTGGACAACGTGACTGTGGAGGGACAGATGGCAGGAGCCCACTCGGCTG
 GAGTTCCACAACATTGAGACGGGCATTATGACAGAGCGGGGTTTATCTCTGTGGTGCCCTCCAACTTCA
 TCGGGCACCTGAGTGGGCTGGTGTCAATGGTCAACCCTACATGGACCAATGCAAAGATGGAGACATCAC
 CTATTGTGAGCTTAATGCCCCGTTTGGCCTGCGTGCCATCGTGGCTGATCCTGTACAGTTCAAGAGTCGC
 AGCAGTACCTGGCGTTAGCCACGCTGCAAGCCTATGCTTCCATGCATCTTCTTCCAGTTCAAGACCA
 CGGCCCCAGATGGACTTCTGCTGTTCAACTCAGGCAACGGCAACGACTTCATCGTCATCGAGTTGGTCAA
 GGGGTACATCCACTACGTGTTTACCTGGGAAATGGCCCGTCTTGTATGAAGGGAACTCAGACAAACCA
 GTCAATGACAACCAATGGCACAATGTGGTGGTGTCCAGGGACCCAGGCAACGTGCACACACTGAAGATCG
 ACTCCCGCACAGTCACGCAGCATTCCAACGTTGCCGAAATCTGGATCTCAAAGGGGAGTTGTATATCGG
 TGGCTGAGCAAGAATATGTTGAGCAACTGCCAAGCTGGTGGCCTCTCGGGATGGCTTCAAGGCTGC
 TTGGCTTCTGTGACCTCAACGGACGCTCCAGACCTCATCGCTGACGCCCTGCACCGCATCGGGCAGG
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 GCAGCAGTGGGATGGTTTTACCTGTGACTGTACTATGACTTCTATGGAGGCCCTGTCTGCAATGACCTT
 GGGACCACATACATCTTCGGGAAGGGGGAGCGCTCATCACCTATACATGGCCTCCCAATGACCGGCCCA
 GTACACGGATGGACCGCTGGCCGTAGGCTTACGACACACCAGCGGAGCGCTGTGCTGGTGGAGTGGGA
 CAGTGCCTCCGGCTCGGGGACTACTTGCAGCTGCACATTGACCAGGGCACTGTTGGGGTATTTTTAAT
 GTGGGCACGGACGACATTACAATTGATGAGCCCAACGCCATCGTGAAGGACGCAAAATACACGTGGTGC
 GCTTTACTCGAAGTGGTGGCAATGCCACCTTGAAGTGGACAGCTGGCCAGTCAACGAGAGGTACCCGGC
 AGGAAACTTTGATAACGAGCGCCTGGCGATTGCTAGACAGAGAATCCCCTACCGGCTTGGTTCGAGTGTGA
 GATGAGTGGCTGCTCGACAAAGGACGCCAGCTGACCATCTTCAACAGCCAGGCTGCCATCAAGATAGGGG
 GCCGGGATCAGGGCCGCCCTTCCAGGGCCAGGTGTCCGGCTCTACTACAATGGGCTCAAGGTAAGTGGC
 GCTGGCCCGGAGAGCGACCCCAATGTGCGGACCGAAGGCCACCTACGGCTAGTAGGGGAGGGGCGCTCC
 GTGCTGCTCAGTGTGAGACCACTGCCACCCTGCTGGCCGACATGGCCACCACCATCATGGAGACCA
 CCACCACCATGGCCACCACCACTACTCGCCGGGGCCGTTCCCCACAATGAGGGACAGCACCACCAGAA
 CACAGATGACCTCCTGGTGGCTCGGCTGAGTGTCCAAGTGTGATGAGGACCTAGAGGAGTGTGAGCCT
 AGTACTGCCAACCCACGGGTCGGGGGAGCGCGGCCCGCCAGGTGCAGTGGAGGTGATCCGCGAATCCA
 GCAGCACACGGGATGGTGGTGGCATCGTGGCGGCGGGCGCTCTGCATCCTCCTCTACGC
 CATGTACAAGTACCGCAACCGGACGAGGGCTCCTACCAGGTGGACCAGACCGGAATTACATCAGTAAC
 TCGGCCAGAGCAATGGGGCGTGGTGAAGGAGAAGGCCCTGCTGCCCCAAAGACGCCAAGCAAGGCCA
 AGAAGAACAAGACAAAGAGTATTACGCTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001205235
 Insert Size: 4512 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001205235.1, NP_001192164.1</u>
RefSeq Size:	6077 bp
RefSeq ORF:	4512 bp
Locus ID:	18190
Cytogenetics:	19