

Product datasheet for MC224616

Nrxn2 (NM_020253) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nrxn2 (NM_020253) 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: >MC224616 representing NM_020253
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTCGGGAGTCGGTGGCAACCGCCACCCAGCTGCCGCCGCTGCTGTTGCTGCTGGCGCTGGCGG
 CAGGCGTCCGTGGCTTGGAGTTCGGCGGGCGCCCGGGCAGTGGGCTCGTACGCGGCTTGGCGGGAGC
 GCGGAGCACCGGGGAGCTCAGCTTCAGCCTGCGCACCAACGCCAGCGCGCGCTGCTGCTCTACCTGGAC
 GACGGCGCGACTGCGACTTCTTGGAGCTGCTGCTGGTGGACGGGCGCTGCGGCTGCGCTTACCGCTGT
 CTTGCGCGGAGCCCGCCACGCTGCAGCTGGACACGCCGGTGGCCGACGACCGCTGGCACATGGTGTGTCT
 GACCCGCGACGCGCGGCACGGCGCTGGCGGTGGACGGCGAAGCCCGCGCCGCGAGGTCCGCTCAAAG
 CGGCGGAGATGCAGGTGGCCAGCGACCTGTTCTGGGCGGCATCCCTCCCGACTGCGCCTATCTGCAC
 TCACGCTCAGCACCGTCAAGTACGAGCCGCTTCCGCGGCTTCTGGCCAACCTGAAGCTGGGCGAGCG
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 AATCCCTGCGCCAACGGCGGTCTCTGCACCGTGTAGCCCCGGCGAGGTGGGCTGCGACTGCAGCCACA
 CTGGATTTGGCGCAAGTCTCAGTGAAGAGGAACACCCCATGGAAGGTCCGGCTCACCTGACGTTAAA
 CAGCGAAGTAGGGTCTTACTGTTCTCCGAGGGGGGGCCGGGAGAGGAGAGCCGCGATGTGCACCCAG
 CCGACAAAAGGCAAGGAGGAATTTGGCAACCTTCAAGGGCAATGAGTCTTCTGCTACGACCTGTCCC
 ACAACCCGATCCAGAGCAGCACTGACGAGATCACACTGGCCTTCCGCACCTGCAGCGCAACGGGCTGAT
 GCTGCACACGGGGAAGTCGGCTGACTACGTCAACCTGTCCCTCAAGTCTGGGGCTGTCTGGCTGGTCATC
 AACCTAGGCTCAGGTGCCTTCGAGGCCCTCGTGAACCCGTCATGGCAAGTTCAACGACAACGCCTGGC
 ACGACGTCGGGTTACCCGAAACCTGCGCCAGCACGCAGGGATTGGACACGCTATGGTGACCATCTCGGT
 GGACGGGATCCTGACCACCACAGGCTACACGCAGGAGATTACACCATGCTGGGCTCTGATGACTTCTTC
 TACATTGGGGGACGCCCCAACACAGCCGACCTGCCTGGCTCACCTGTGAGCAACAACCTCATGGGCTGCC
 TCAAGGACGTGGTCTACAAGAATAATGACTTCAAGCTGGAGCTGTCCCGACTGGCTAAGGAAGGGGACCC
 GAAGATGAAGCTGCAGGGGGATTGTCTTTCCGTTGTGAGGATGTGGCTGCCTTGGACCCCTGTGACCTTT
 GAGAGTCTGAGGCCCTTGTGCGACTGCCCGCTGGAGCGCAAGCGCACTGGTTCATCTCCCTGGACT



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TCAGAACCACTGAGCCCAATGGGTTGTTGCTCTTCAGCCAGGGCCGGCGGGCTGGGGCCGGGGTAGGCAG
 TCACAGTTCTACCCAGAGGGCCGACTACTTTGCCATGGAGCTGTTGGATGGCTACCTCTACCTTCTGCTG
 GACATGGGCTCCGGGGGCATCAAGCTGCGGGCGTCTAGCCGCAAGGTCAATGATGGTGAATGGTGCCACG
 TGGACTTCAGAGGGACGGGCGCAAAGGCTCCATCTCTGTGAACAGCCGACGACGCCATTCTTGGCCAC
 AGGAGAGAGCGAGGTCTGGACCTGGAGAGTGAAGTGTACCTGGGCGGTCTCCCGAGGGGGGACGAGTG
 GACCTGCCACTGCCCCCTGAGGTGTGGACAGCTGCTCTCCGGGCTGGCTACGTGGGCTGTGTGAGAGACC
 TTTCTGCTCCCGGAGACCCTGAAGCAGTGTGCGTCGGCCCTTGTGCAAAACGGGGGCATCTGTCGAGAG
 GGCTGGAACCGGTTCTGTCTGTGACTGCATCGGGACCGGCTTTCTGGGTCGGGCTGCGAGAGAGAGGCCA
 CGGTCTTAAGCTATGACGGCTCCATGTACATGAAGATCATGCTGCCCACTGCGATGCACACGGAAGCAGA
 GGATGTGTCTTACGCTTACGTCTCAGAGGGCATATGGACTCATGATGGCCACCACCTCCAGGGAGTGC
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 TCGGCTGCGCACCCAGTAAAGGCCCCGAGACACTGTTTGGGGGCGACAAGCTGAATGACAATGAATGGCA
 CACGGTGAGGGTGGTCCGGCGTGGCAAGAGCCTGCAGCTGTCCGTGGACAACGTGACTGTGGAGGGACAG
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 CCAATGCAAAGATGGAGACATCACCTATTGTGAGCTTAATGCCCGCTTTGGCCTGCGTGCCATCGTGGCT
 GATCCTGTACGTTCAAGAGTCCGAGCAGCTACCTGGCGTTAGCCACGCTGCAAGCCTATGCTTCCATGC
 ATCTCTTCTTCCAGTTCAAGACCACGGCCCCAGATGGACTTCTGCTGTTCAACTCAGGCAACGGCAACGA
 CTTTCATCGTATCGAGTTGGTCAAGGGGTACATCCACTACGTGTTTGGACTGGGAAATGGCCCGTCTTG
 ATGAAGGGAAACTCAGACAAACCAAGTCAATGACAACCAATGGCACAATGTGGTGGTGTCCAGGGACCCAG
 GCAACGTGCACACACTGAAGATCGACTCCCGCACAGTACGACAGCATTCCAACGGTGCCTGAAATGTGGA
 TCTCAAAGGGGAGTTGTATATCGGTGGCTGAGCAAGAATATGTTGAGCAACCTGCCAAAGCTGGTGGCC
 TCTCGGGATGGCTTCAAGGCTGCTGGCTTCTGTGGACCTCAACGGACGCTCCAGACCTCATGCTG
 ACGCCCTGCACCCATCGGGCAGGTGGAGAGGGGCTGTGATGGCCCTAGCACACCTGCACCGAAGAGTC
 TTGTGCCAACAGGGCGTCTGTCTGCAGCAGTGGGATGGTTTTACCTGTGACTGTACTATGACTTCTAT
 GGAGGCCCTGTCTGCAATGACCTGGGACCACATACATCTTCGGGAAGGGGGGAGCGCTCATCACCTATA
 CATGGCCTCCCAATGACCGGCCAGTACACGGATGGACCGCTGGCCGTAGGCTTACGACACACCAGCG
 GAGCGCTGTGCTGGTGCAGTGGACAGTGCCTCCGGCCTCGGGGACTACTGCAGCTGCACATTGACCAG
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 GCGACGGCAAATACACGTGGTGCCTTTACTCGAAGTGGTGGCAATGCCACCTTGAAGTGACAGCTG
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 CCCTACCGGCTTGGTTCGAGTAGTAGATGAGTGGCTGCTCGACAAAGGACGCCAGCTGACCATCTTCAACA
 GCCAGGCTGCCATCAAGATAGGGGGCCGGGATCAGGGCCGCCCTTCCAGGGCCAGGTGTCCGGCCTCTA
 CTACAATGGGCTCAAGGTACTGGCGCTGGCCGCCGAGAGCGACCCCAATGTGCGGACCGAAGGCCACCTA
 CGGCTAGTAGGGGAGGGGCCGCTCCGTGCTGCTCAGTGTGAGACCACTGCCACCACTCTGCTGGCCGACA
 TGGCCACCACCATCATGGAGACCACCACCATTGGCCACCACCACTACTCGCCGGGGCCGTTCCCCAC
 AATGAGGGACAGCACCCAGAACACAGATGACCTCCTGGTGGCCTCGGCTGAGTGTCCAAGTATGAT
 GAGGACCTAGAGGAGTGTGAGCCTAGTACTGCCAACCCACGGGTCCGGGGGAGCGCGCCCGCAGGTG
 CAGTGGAGGTGATCCGCAATCCAGCAGCACCACGGGCATGGTGGTGGGCATCGTGGCGGGCGGCGCT
 CTGCATCCTCATTCTCCTCTACGCCATGTACAAGTACCGCAACCGCAGCAGGGCTCCTACCAGGTGGAC
 CAGAGCCGGAATTACATCAGTAACTCGGCCAGAGCAATGGGGCGGTGGTGAAGGAGAAGGCCCTGCTG
 CCCCCAAGACGCCAAGCAAGGCCAAGAAGAACAAGACAAGAGTATTACGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_020253
 Insert Size: 4536 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_020253.3</u> , <u>NP_064649.2</u>
RefSeq Size:	6101 bp
RefSeq ORF:	4536 bp
Locus ID:	18190
Cytogenetics:	19