

Product datasheet for **MC224570**

Nrxn3 (BC060719) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrxn3 (BC060719) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrxn3
Synonyms:	6332407J11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060719 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTTTACCCTCCACTCAGTTTTCTCACCTGAAGGTGAGCATCTTCTGGGCTCCCTGGTGGGGC
TTTGCCTGGGCTGGAGTTCATGGGCCCTCCTAACCAAGTGGGCCCGCTACCTGCGTTGGGATGCAAGCAC
GCGCAGTGACCTGAGCTCCAGTTCAAGACCAATGTTTCCACTGGGCTGCTCCTGTATTTGGATGATGGT
GGTGTCTGTGACTTCTCTGTCTCTCCCTGGTGGATGGCCGCTTCAGCTCCGCTTAGCATGGACTGTG
CCGAGACCACTGTGCTATCCAACAAGCAGGTGAACGACAGCAGTTGGCACTTCTCATGGTGGAGCCGTGA
TCGTGTGCGCACTGGGCTGGTGATTGATGGTGGAGGCCAGTCTGGAGAGCTACGGCCCCAGCGGCCCTTAT
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GCTTCTGGGGAGCCAGAGCGTCCAGTTAGAAGCAGAGGGACCCTGTGGCGAGCGTCCCTGTGAAAATGGT
GGGATCTGCTTCTCTGGATGGTCATCCACCTGTGACTGTTCTACCACTGGCTATGGTGGCACACTCT
GCTCAGAAGATGTCAGTCAAGTCCAGGCTCTCCCATCTTATGATGAGTGAACAAGATGTCAGTCAAGG
TCCAGGCCCTCTCCATCTTATGATGAGTGAACAAGCAGAGGAGAACGTTGGCCACCTTCCGAGGCTCA
GAGTATCTGTGCTATGACCTGTCCAGAACCCATCCAGAGCAGCAGCAGAAATCACCTTTCCCTTTA
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CCAAGATGAAAATCTATGGTGAAGTTGTGTTCAAGTGTGAGAACGTGGCCACACTGGATCCCATCAACTT
TGAGACCCAGAGGCTTACATCAGCTTGCCAAGTGAACACCAACGTATGGGCTCCATTTCTTTGAC



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TTTCGCACCACTGAGCCCAACGGCCTGATTCTCTTCACTCACGGGAAGCCTCAAGAAAGGAAAGATGTCC
 GGAGCCAAAAGAACAACAAAAGTTGACTTCTTTGCTGTGGAACCTCTTGATGGCAACCTGTATTTGCTGCT
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 ACCAAGTACAGATAAGAGTCTTCCACTTCAATCTTGAAGTGGCTACAAAGCACATGGCCCAAGTGG
 GAATCCAAGGACTTTAGACCTAACAAAGTCTCGGAAACTAGTAGAACTACAACCCTCTTTGTCCCTG
 AGCTGATCCGCTTACAGCGTCTCCTCGTCTGGGATGGTGCCTAAATGGCAGCTGGCAAAATGAATAA
 CCGTGTCTCAAACCCAGCCTGATATAGTCTTGTCTTCCGTTGCCACTGCCTATGAGCTAGACAGCACC
 AAAGTGAAGAGCCACTAATTACTTCCCCATGTTCCGTAATGTGCCACAGCAAACCCACGGAGCCAG
 GAATCAGACGGGTTCCGGGGCCTCAGAGGTGATCCGGGAGTCCAGCAGTACAACAGGGATGGTCTGCGG
 CATTGTGGCTGCTGCCGCCCTCTGCATCTTGTCTCTGTACGCCATGTACAAGTACAGGAACAGGGAC
 GAGGGTCTATCAAGTGGACGAGACGAGGAACATACATCAGCAACTCGGCCAGAGCAACGGCAGCTCA
 TGAAGGAGAAGCAAGCCAGCTCCAAGAGCGGCCATAAGAAACAGAAAAACAAGGACAAGGAGTATTATGT
 GTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC060719
Insert Size:	4764 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>BC060719</u> , <u>AAH60719</u>
RefSeq Size:	5459 bp
RefSeq ORF:	4763 bp
Locus ID:	18191
Cytogenetics:	12 42.94 cM
Gene Summary:	This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. [provided by RefSeq, Dec 2012]