

Product datasheet for **MC205924**

Nxn (BC058244) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxn (BC058244) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nxn
Synonyms:	I11Jus13
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058244
 CGCCCGCCGCGCGGACCAGCGAGCCGGTAGCTGTTGCGAGCCACCCGCCGCCCGCTGCCGGGCTGC
 GGTGGGCCAGGATGTCGGGCTTCTGGAGGAGCTGCTGGGAGACAAGCTGGTGACGGGCGGTGGCGAGGA
 GGTGGACGTGCATTGCTGGGCGCCCGCGGCATCGCGTCTGCTGGGGCTCTACTTCGGGTGCAGCCTGAGC
 GCCCCTGCGCGCAGCTCAGCGCCAGCCTGGCCGCTTCTACGGTCGCCTGCGAGGGGACCGCGCGGCCG
 GGCCGGGGCGGGGGCGGGGGCCGGCGCAGCCCGGAGCCAGAGCCCGGCACCCGCTGGAGATCGTCTT
 CGTGTCTTCGGACCAAGACCAGCGGCAGTGGCAGGACTTCGTGCGGGACATGCCATGGCTGGCGTCCCC
 TACAAGGAGAAGCACCGAAGCTTAAACTTTGGAACAAATACCGAGTCTCCAACATTCATCGCTAATAT
 TCCTAGACGCCACCACAGGAAGTTGTGTGACAGGAATGGCTCCTGGTGATCCGAGATGACCCGGAAGG
 TCTGGAATTCCTTGGGGACCTAAACCCTTCCGGGAAGTATTGCGGGGCCCTTGCTTAGAAATAACGGG
 CAGTCGCTGGAGAGCAGCAGCCTGGAGGGTCTCACGTGGGAGTCTATTTCTCTGCACACTGGTGTCCAC
 CCTGCCGAAGCCTTACCAGAGTGTGGTGAATCCTACCGAAGATCAAGGAGGCAGGCCAGGAGTTTGA
 GATCATCTTCGTTAGTGCAGACAGGTGACAGGAGTCTTTCAAACAGTACTTTAGTGAGATGCCATGGCTC
 GCTGTCCCCTACACTGATGAGGCCCGCGGTCTCGTCTCAACCGACTGTATGGAATCCAAGGCATCCCCA
 CGTTCATCGTGTGGACCCGAGGGGAGGTGATCACTCGCAGGGTGGGTGGAGGTGCTCAATGACGA
 GGACTGCAGGGAGTTCGGTGGCACCCGAAGCCGGTGTGGAGCTCTGACTCCAACGCTGTGCAGCTC
 AACGAGGGCCCTGCCTCGTCTTTTTGTAGACTCTGAGGACGACGGAGAGTCCGAGGCAGCCAAACAGC
 TGATCCAGCCAATAGCTGAGAAGATCATTGCCAAGTACAAAGCCAAAGAAGAGGAGGCGCCGCTGTTGTT
 CTTTGTGGCCGGGAGGATGACATGACTGACTCCCTGAGAGATTACACCAACCTGCCTGAGGCGCGCCT
 CTGCTCACCATTCTGGACATGTCAGCCCGGGCCAAAGTACGTGATGGATGTAGAAGAGATCACCCAGCCA
 TTGTGGAGACTTTTGTGAATGACTTCTAGCAGAAAACTCAAGCCTGAGCCATCTAGTGGGCTCCGGC
 CTCTGGAGACAGTATTTAAGACACAGTCTTCTCCCTTCTCCCTCTGCCCTTGGACTTTTCCAGCGTG
 TCCTGAATCACACAATCCAAGTGTCCAACCTCTGTGGTGCCTTGTTCATATTAGCAACTCAGCTAGCA
 CCCATGGGTGTGCATCCTCACAGTGGCAGCAGGTCCACGGTGTGGAGATGGCTTGGGGATCCCGTGA
 GATGGCATGACCAGCTAGCCCCGAGACTGCCACCTCTCCTGGCTCATGATGGAGGACCTCCCGGTCTT
 CTGCAGAGTGAGCAAGCAAGGACCGTGGATTGAGGCCCTGACTCTGACTCTGGGATCAGTATACACACC
 CAAGCCAGAGGAACTCTCCTGTGACATCTGTACCCGTGGGAGTTACAGAGGAAGGGTACGACTCAGT
 GGCCATCAGTGAGAGCTGTGGCGAATTTGCTTTGTAAGGACGTGATCTTTCTGGTCTGAGGGAAAAC
 CAGCGCATCAGTGGGTTCTTGGGACGGGACTTCCATATCTTAAGGAACCTTGTGGGTGTTTGTGTTGG
 TGGGAAAATGAATAGCCGAGCTAACAGTTCATAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC058244

Insert Size: 1308 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:**
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: BC058244, AAH58244

RefSeq Size: 2022 bp

RefSeq ORF: 1308 bp

Locus ID: 18230

Cytogenetics: 11 45.92 cM

Gene Summary: Functions as a redox-dependent negative regulator of the Wnt signaling pathway, possibly by preventing ubiquitination of DVL3 by the BCR(KLHL12) complex. May also function as a transcriptional regulator act as a regulator of protein phosphatase 2A (PP2A).
[UniProtKB/Swiss-Prot Function]