

Product datasheet for **MC206269**

Nkd2 (BC019952) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nkd2 (BC019952) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nkd2
Synonyms:	2210403L10Rik; AW212591
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC019952
 GCCCGTCCCCGCGCCGGTGTCTCCGGTTGCCGGCCAAGCCTCGCCAGACTGCCCGGCCCGGATCCAGG
 CTCCACGAGTTGCTCTCAGCTCGGGATTACGCACCCCGGGCTCGAACCTCGGACGCACACCTGAGAGCT
 CGGCCGGAGGGTGGTCCAGGCCAGCGGAGACATGGGGAAATTTAGTCCAAGCACGCCGAGCAGCCT
 GCAAGAGGAGAGAGAGTCCCGAAGGGGACAGCTTCGTGGTGCCTGCGTACGGGAGCGGTGCGAGAGGAGC
 GGAAGAAACGGACCGGCTGCGGGCAGCGGTGTGGAACATCGCTACGGGACAAGCAGGAGCTGCTCAAT
 GGAGACCCTAAGGAGGGGCTTTCTGGGACGACAAGGGTCCCTAGAAGTTGCGCTGCCCTGAGAAAT
 CTGAGGGCCATGAGGGCCAGGGCCAGCTTTCAGCACAGATGATGGGGAGAAGGCAGCAAGCCGTGAGGG
 TCCACTGAGACTTAGCAAGAAGCACTTGAACATTGACGCACTGCAGTGTGACGTCTCAGTGGAAAGAGAC
 AACCGCCAAGAATGGACATTACGTTGTATGACTTTGACAACAGTGGGAAAGTACCAGAGAGGATATGT
 CCAGCCTGATGCACACCATCTACGAGGTTGTCGATGCCTCTGTCAATCACTCCTCCGGCAGCAGCAAGAC
 CCTTCGAGTGAAGCTAAGTGTGACCCCTGAACCTCCAGCAAGAAGGAATGTCCTCTCACTGGCCAAGAC
 CGGGAGCCCACTCGTGGCAGAACAGAGATTGAGCTCACAGATGAGCCCGAGCGGCTGACAGAAGGCTAT
 CCGCCTACAGCAGGAAGCCCAATGCTGATCCCCAGCCCTGCTCTGTGCGAGTGCCTACTGTGTGGATGA
 GAACACAGAGCGCAGAAACCACTACCTAGACCTTGTGGCATCGAGAACTACACATCTAAGTTTGGTCCT
 GGGTACCACCTGAGCAGGCCAGGCAAGAACATCATGGCAGGGCCACACACATTCGAAGCAGGTCCCGAT
 CACAAGAGTCGGATGCCACGCTATACACCACCGCAGGTCTCAAGTCTGGCTGAGCATGTCATACCAGC
 TAATGAGCCTGCCACCCGGGCCCTGGCTGCACAGCCCGGCTCAAGGGGCAGGAGAAGCAGTTTCTCAGG
 TCTCCTAAGGGTCCAGGAAAACCTTTGGGACACCAGGCAGTGGCAAGCCAGGGAAGCTCTCAGCTATT
 GCCTGCAGGCTGTGCCACTGCCCCAGGGTGTCTCAGGATGGCCACCACCTTCTCAGCCCCACCACAGCC
 TCCACCGCAGCCCTATGGTCAAGCGGTACCGGCAGAAAGCCAGAGAAGGCCACTCACCCTTAAGGGG
 CATGGCCAGCCTACCATGGTGGAGCATGAAGTGGTACGGGACCTGCCTCCCATGCTGGGGCTGAGGGCT
 ATGTGATGCCTGTGGTCCAGAGGCATGAACACCACCATCACCATGAGCACCACCACCATCACCACCACA
 CCACTTCCACCCATCCTAGCACCCAAACAAGCACTCTGCCCAAATGCCCTTGGGAACAGAGCAGGGGCTG
 GCATGTGCTAGTAGAGAATACAGCATCCCTGGCTCAACACCAGCTACAGATGTCAAGGGGACACACCA
 GGGAGATGGCACCAGGCTTGATATTCATGGACAAAGCTACCTTTCTCCATGCCATTTGGATACTAGTAC
 ATTTGATGCAGCTGATGGTTACCAGGGACAGTGTCTGTGTCATCCAGAAAGCCATTTCATGAGGGCA
 CAAAAGCATCTGTTCTGCTTTTGTGTCAGTGTGGCCATGGGATATTTGAAGGCATTCTTTGTATCTCTCA
 TGGTTCTTTGACCTTCGGGTACCTGAATAGAAAAGGCAATGCTTTTTGTGAAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC019952

Insert Size: 1386 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: [BC019952](#), [AAH19952](#)

RefSeq Size: 1967 bp

RefSeq ORF: 1386 bp

Locus ID: 72293

Cytogenetics: 13 C1

Gene Summary: Cell autonomous antagonist of the canonical Wnt signaling pathway. May activate a second Wnt signaling pathway that controls planar cell polarity. Required for processing of TGFA and for targeting of TGFA to the basolateral membrane of polarized epithelial cells (By similarity). [UniProtKB/Swiss-Prot Function]