

Product datasheet for **RN204312**

Nkd2 (NM_001107454) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nkd2 (NM_001107454) Rat Untagged Clone
Tag: Tag Free
Symbol: Nkd2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204312 representing NM_001107454
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAATTTTCAGTCCAAGCACGCCTGCAAGAGGAGAGAGAGTCCCGAAGGGGACAGCTTCGTGGTGT
CGGCGTACGCGAGCGGTGCGAAAGGAGCGGAAGAGACCGACCGGGCGCGGGCAGCGGTGTGGAACATCG
CGCACGGGACAAGCAGGAGCTGCCAATGGAGACCCTAAGGAAGGGCCTTCTGGGAAGACAAGGGTTCC
CTAGAAGTTGTGCTGCCCTGAGAAGTCTGAGGGCCATGAGGGCCAGCTCTTCAGCGTAGATGATGGGG
AGAAGGCAGCAAACCGAGAGGGTCCACTAAGACTCAGCAAGAAGCACTTGAACATCGACGCACTCCAGTG
TGATGTCTCAGTGAAGAGGACAACCGTCAAGAGTGGACGTTACGCTGTATGACTTTGACAACAGTGGG
AAAGTCACCAGAGAGGACATGTCCAGCCTGATGCACACCATCTATGAGGTCGTCGACGCCTCTGTCAATC
ATTCCTCGGGGAGCAGCAAGACCCTCCGAGTGAAGCTAACTGTCAGCCCTGAACCCTCCAGCAAGAAGGA
ATGGCTTCCCCCTGGCCAAGAGCGGGAGCCCACTCGTGGCAGAACAGAGAGTGAAGTCCCAGATGACCCA
CGAGTGGCCGACAGAAGGCTGTCTGCCTATAGCAGGAAGCCCAACACAGATCCCCAGCCCTGTCTGTGC
GAGTGCCTACTGTGTGGATGAGAACACAGAGCGAAGAAACCACTACCTAGACCTTGCTGGCATTGAGAA
CTACACATCTAAGTTTGGTCTGGGTCAACACCTGAGCAGGCCAGGCAAGAACATCATGGCAGGGCCACA
CACATTCCAAGCAGGTCCCGGTCTCAGGAGTCGGACGCCCATGCTATACACCACCGCAGGTCTCAGGTCC
TGGCTGAGCATATTGTGCCAGCTAATGAGCCTGCTCCTCGGGCCCTGGCTGCACAGCCCCGACTCAAGGG
GCAGGAGAAGCAGTTCTCAGGTCTCCCAAGGGTCCGGGAAAACCTCTTGGGGCACCAGCGGCAGCAAG
CCAGGGAAATCGCTCAGCATTGCTGCAAGGCTGTGCCGCTGTCCAGGGTGTCCAGGACGGCCACCACC
TTCTCAACCCCCACCGCAGCCTCCGCCACAGCCCTATGGTCACAAGCGGTACCGGCAGAAAAGCAGAGA
AGGCCACTCACCCTTAAGGGGCACGGCCAGCCTACCATGGTGGAGCATGAAGTGGTCCGGGACCTTCTCT
CCCATGCTGGGGCCTGAGGGCTACGTGGTGCCTATGATCCAGAGGCATGAACACCACCATCACCATGAAC
ACCACCACCATCACCACCACCACCACTTCCACCCAAACGCCTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107454
Insert Size:	1377 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_001107454.1</u> , <u>NP_001100924.1</u>
RefSeq Size:	4024 bp
RefSeq ORF:	1377 bp
Locus ID:	308068
Cytogenetics:	1p11