

Product datasheet for **MC221875**

Nkpd1 (NM_027116) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nkpd1 (NM_027116) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nkpd1
Synonyms:	2310015G09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221875 representing NM_027116
 Red=Cloning site Blue=ORF Orange=Stop codon

GCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGGATCGCCGGCGGCCAGATCTC
 AAGCTTAACTAGCTAGCGGACCGAC

ATGCAGAAGAACAATGTGCACTTCACCAAGAACGCCCGACCCCAATGAACGATACCTTTTGGATC
 CCGAGTTGGGGCACAAAAAGGATGCTGCCGTACGTGGTACCAGGACCCGGTGGCCACTCACACCCATGG
 GCCCTATCAGCTGTCCCCCAGGCTCACTGGCAGCAGACCTACCATAGCCACCGAGGTGGCAGCGGCTGT
 CGCCGGTGTCCCCAGCCCTCATTCCGCAGCGACAGCGCGCAGCAGCAGCAGCAGCAACCCCCACCC
 TACCTCCCAGCCCTCTGCGGCAGCGGCTCGGTCCAGTTCGCGGGGCCAGAAGGGGTACCCCGCATCGC
 CGCTGCCCGCATGGAACAGCCAGCGCCCAAGCCTGTACCTCCACACCCACCGCAGTATCAGCCACG
 GCCAGCAGCGGCCAGCCCTACCCTCTGCAGCCGGCGCCCTCTGGAGCCCAGCGAGCCACCGAGGCGC
 GGCCACTGCCTGCACCGCAGCCTGCGGCTCCTCACCTCCTACGGCGCCGACATCCTGACAGAGGATGA
 TGCTACTGCAGCTGTCTGGCTAAAACCTGTGTACGTGCCGTCCCTGTGACGGTGGGTTTCTACGCT
 CCCTTCGGCTGCCGTCTTCACTTGATGTTGGATAAAAATCATGACGCTGATGCAGCAGGAGCCGCGCAGC
 GTGAGAGCGAGGAGCTGCAGCGGTGCAGTGGCAGCCACGTCCGCTGCGCGGCTGGGGCGTCCCAGAGT
 GCTGTGGTTCTGGTGTTCCTGCAGCCCGTGCACGGAGCTGCACCTGCGGCGCAGGAATGTGCGCTTC
 CTGTTTATCCGCTTCAGCGCCTGGCAGTACGCGGGCACCGACAAGCTGTGGGCGGGGCTGGTGACCACGC
 TGTGTGAGGGCATCCGCCACCACTACGGCGCGTGCCTTTAGCGTGTACTCGGTGCTAGGCAACAAGCC
 CTGTGGCCCGGTGATGGCCTCTGCCAACGCGAGTGGCACTGCCAGCTCGCGTGTGCTGGCGTGTCTG
 GCGTGTGGCCCGCTGTGCTGGGTGTGGGCTGCTGTACCTGTGCTGGGAGGCCACCGCGCCGATC
 ACGGAGAGCGTGGTGTGCTCAAAGCGCTGGGCGCGGCCACCGCTATCCGGCTCAGGCTGCTCAT
 GGCCGTGTACTCCGTGGGCAAGCATCTGTTCTGTGAGCCAGCGCAAGAAGATCGAGCGCCTGGTGTGCGCT
 GAGAAGTTTGGCAGCCAGTTGGCTTTCATGTGCGAGGTGAAGAAGGAGGTGGAAGTGTCTACGGATTTC
 TGTGCTTCTGGAGATCTACCAGCGACCGGCTGCGTGTGGTCTCGAGGTCAGTGGGTTGGACACGTG
 CTACCCAGAGCGGTGGTGGGCTCCTAAACGCCATCAACTCTGCTGTCCGACAGCCACGCTCCCTTC
 ATCTTCATCCTGGTGGTGGACCCAGCATTCTGGCCGCTGCCTGGAGAGCGGGTAACATGAAGGGCA
 CAGCAGACAACGGCTACCTGTTCTCAACCGCACAGTACGCTACCCTTCTCCGTGCCGATTATGGGCCG
 TCGACCAAGTTGCAGTTCCTGCAGATCGGTGCGTAGCCGGGACGATCTGCTGTTCCGGGAATTGACG
 ATCAAGCTACAGCCGAGAGCCCGGAACTTGGGCGCAGGTGAGGGTACTCAGTGTGCTGGCGGTGGAGA
 CGCAGGGGACGCGGAGCGCACACAGGGCCGCTGGACGCGGAGGCGCGCGGTATCCAGGAGGCGCT
 GTGCTGCCTGCATGACGAGGATGATTGCCTGTATGAGTACGTGCCCGACAACGTGGTGTCCATGCGGCGC
 ATTGTCAACACGGTGCATCACCGTGCCTGTTGCAGCAGCAGCAGCAGCAACAGCCGACCGCGTGG
 GACCCACACCGCGCCACGCGGTGGCTGGTCTCCTCGTAACCAAGTGGCCTTGTGCGCTCAGTGGGT
 GCTGCAATGCCTGGAGGACCGGCAGCAGGAGGGGGCGGCCAGAGGGGCGCTCGCGTCTCTGGGATGTC
 TTCTGCGACAATAGTCGCGAGCTGCACACCATGACCAAGGCTTGCAGAACGTAAGTGGACCTGGATGGCG
 ACCCTGAGCTTTTGGAGCGTTTCTAGGCACTGATTTCCCTTACCCTGGCCGAGGCGCAGAGTTTGT
 GCGTGCACAGTCAACTGGACATTCCATCCGCCCGCATGGGCTCATCAGGGCCGTACGCGGCTC
 AAGCCGCCCAGCCACCAAGTCCCATCCAGGACGGTCCCAGGCCAGTCCCAGAGCCATTATCGCCG
 CAGGCACGTCCATGCGGGCAAGGATCAGGACACAGTAAAGAGGCACATCAGACCCGGGACCGGACCCA
 TGGGGCAAGCCAAGCCGATGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: RsrII-MluI
ACCN: NM_027116
Insert Size: 2478 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_027116.1</u> , <u>NP_081392.1</u>
RefSeq Size:	2753 bp
RefSeq ORF:	2478 bp
Locus ID:	69547
UniProt ID:	<u>Q0VF94</u>
Cytogenetics:	7 A3