

Product datasheet for **MR216193**

Nkpd1 (NM_027116) Mouse Tagged ORF Clone

Product data:

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



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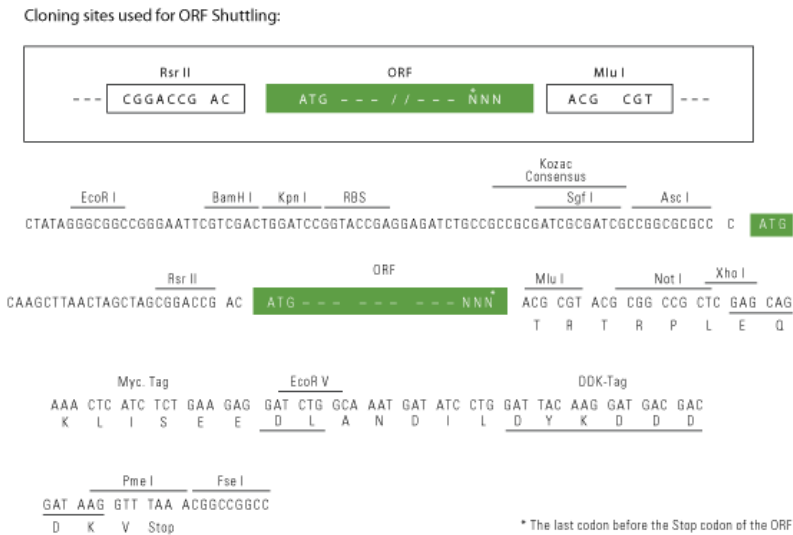
Protein Sequence: >MR216193 representing NM_027116
Red=Cloning site Green=Tags(s)

MQKNYNVHFTKNARTPNERYLLDPELGHQKCCCRQWYQDPVATHTHGPHYQLSPQAHWQQT YHSHRGGSGC
RRC PQPLIPQRRRQQQRPPPLPPSPLRQRLGPVRGAQKGSPIAAAARMEPASAPKPVSTPTAVSAT
ASSGPALPSAAGALLEPSEPTARPLPAPAACGSFTSYGADILTEDDVYCSCLAKTLCHVPVPVTVGFYA
PFGCRLHMLDKIMTLMQQEAAQRESEELQRVQWQPRRVRGWGVKLLWFLVFLQPVITELHLRRRNVR
LFI RFSAWQYAGTDKLWAGLVTTLCEGIRHHYGALPFSVYSVLGNKPCGPRDGLCQREWHCRRRVCLALL
ALLAALCLGVGLLYLSLGGHAPGHGERGVKALGGAATL SSGSGLLMAVYSVGKHLFVSQRKKIERLVSR
EKFGSQLGFMCEVKKEVELLTDFLCFLEIYQRRRLRVVLEVTGLDTCYPERVVGV LNAINTLLSDSHAPF
IFILVVDPSILAAACLESAGNMKGTDANGYLFLNRTVTLPFSVPIMGRRTKLQFLHDAVRSRDDLLFRELT
IKLQPQSPGNLGAGEGTQLLAVETQGDAERTQGRVDAEAARRIQEALCCLHDEGDCLYEYVDPNVVSMRR
IVNTVPI TVRLLQQQQQQPDRVGPTPRHAVAVVLANQWPCRLSWVLQCLEDRQQAGGAPEGRSRLWDV
FCDNSRELHTMTKALQNVLDLDGPEL FERFLGTDFPFTVAEAQSLLRCTVNL DHSIRRRMGLIRAVSAL
KPPSPKSPSQDGPQASPRAI IAAGTSHAGQSGSHSKEAHQTRDRTHGGKPRPMA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9003_g11.zip

Restriction Sites: RsrII-MluI

Cloning Scheme:


ACCN: NM_027116

ORF Size: 2475 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_027116.1](#), [NP_081392.1](#)

RefSeq Size: 2753 bp

RefSeq ORF: 2478 bp

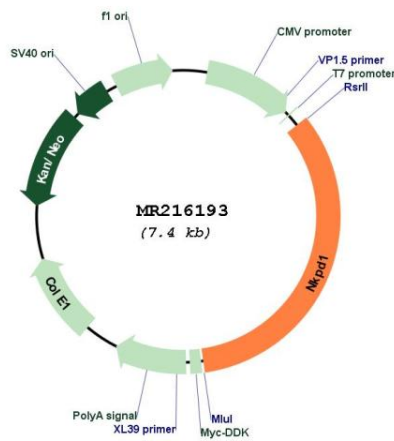
Locus ID: 69547

UniProt ID: [Q0VF94](#)

Cytogenetics: 7 A3

MW: 91.9 kDa

Product images:



Circular map for MR216193