

Product datasheet for **MR203153**

Nanp (NM_026086) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nanp (NM_026086) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nanp
Synonyms:	1600031M04Rik; Hdhd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203153 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCTGAGTCGGGTCCGCGCGGTCTTCTTTGACCTGGACAACACTCATCGACACGGCCGGGGCGA
GCAGGAGAGGCATGTTGGAGGTAATAAAGCTCTTACAGTCAAAAACCACTACAAAGAAGAGGCTGAAAT
CATCTGTGATAAAGTTCAAGTTAACTGAGCAAGGAGTGCTTTCATCCCTATAGTACATGCATTACAGAT
GTGAGGACTTCACACTGGGAAGAAGCAATCCAGGAAACCAAGGAGGTGCTGACAATAGGAAATTGGCGG
AGGAATGTTATTTCTGTGGAAATCTACACGCTTACAGCACATGATCCTAGCAGACGATGTCAAAGCCAT
GCTCACTGAACCTCGAAAAGAGGTCCGCCTGCTCCTGTTAACAAATGGTGACAGACAGACTCAGAGGGAA
AAGATCGAGGCCTGCGCCTGCCAGTCTACTTTGATGCCATTGTTATTGGCGGAGAACAGAAGGAAGAGA
AACCAGCACCTTCCATATTTTACTGCTGTGATCTTCTTGGAGTGCAGCCAGGTGACTGTGTGATGGT
TGGTGACACACTGGAAACCGATATACAAGGAGGCCTCAATGCAGGACTGAAAGCTACGGTCTGGATAAAC
AAGAGTGAAGAGTGCCGCTGACATCATACCCATGCCTCACTATATGTTTTCTTCTGTGCTAGAATTAC
CTGCTCTTTGCAAAGCATAGATTGCAAAGTCAGCATGTCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR203153 protein sequence
Red=Cloning site Green=Tags(s)

MGLSRVRAVFFDLNNTLIDTAGASRRGMLEVIKLLQSKYHYKEEAEIICDKVQVKLSKECFHPYSTCITD
 VRTSHWEEAIQETKGGADNRKLAEECYFLWKSTRLOHMILADDVKAMLTRELKRVRLLLL TNGDRQTQRE
 KIEACACQSYFDAIVIGGEQKEEKPAISIFYHCCDLLGVQPGDCVMVGD TLETDIQGLNAGLKATVWIN
 KSGRVPLTSSPMPHYMVSSVLEL PALLQSIDCKVSMVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_026086

ORF Size: 747 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_026086.1](#), [NM_026086.2](#), [NP_080362.1](#)

RefSeq Size: 1392 bp

RefSeq ORF: 747 bp

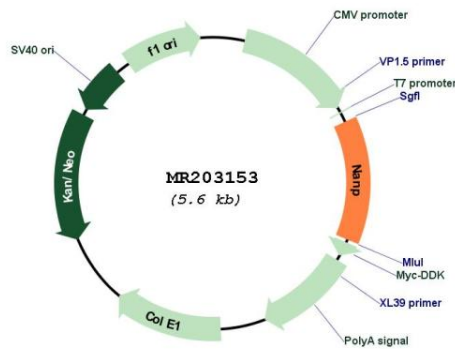
Locus ID: 67311

UniProt ID: [Q9CPT3](#)

Cytogenetics: 2 G3

MW: 27.8 kDa

Product images:



Circular map for MR203153