

Product datasheet for **MR203121**

Nipsnap3b (NM_025623) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Nipsnap3b
Synonyms:	2700063N13Rik; Nipsnap3a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR203121 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCGCGCTCCGAAGCGGCCTAAGGACAGCGCTGGCCCCGCGGGTTCTGACGCCTCAGGTATGTTTAC
CTTTTGCTACAGGCCCCAGGCAAAGCAATGGCACATTCTATGAATTCGCACCTATTTTCTCAAGCCCTC
AAAGACAAATGAGTTCTTGAAATTTTAAAGACAGTGTTCACCTTCGGACAGCTCACTCTGAAATGATT
GGCTATTGGACTGTAGAATTTGGAGGCAGAACGACAGATTTCCATATTTGGAAGTATGATAATTTTG
CTCATCGAACTGCAGTCCGCAAAGCCTTGCCAAAGGATAAGGAATGGCAGGAACGATTCCCTATTCCAAA
TTTGGCTTTTATTGATAAACAAGAGTTGAGATTACCTACTTGGTACCATGGTGCAAAATAGGAACGCCT
CCCAAGGAAGGAGTCTATGAACTGGCTACCTTTCAGATGAAGCCTGGCGGCCAGCTCTGTGGGTAATG
CATTTAAAGGGCAGTAAATGCCCATGTGGAGCTTGGCTACTCTACCTAGTTGGTGTTCACACCGA
ATATGGAGCCCTCAACAGAGTTCATGTTCTGTGGTGAACGAGAGTGCAGACAGCCGAGCAGCTGGGAGA
CACTGGTCTCAGGAGACCCTAGAGTGGTGGCTGCTGTTTCGGGAGAGTGTCAAGTTACCTAGAGTCCACG
AGAATACGTTCTGATTCCAACATCATTTTACCACCTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:

>MR203121 protein sequence
 Red=Cloning site Green=Tags(s)

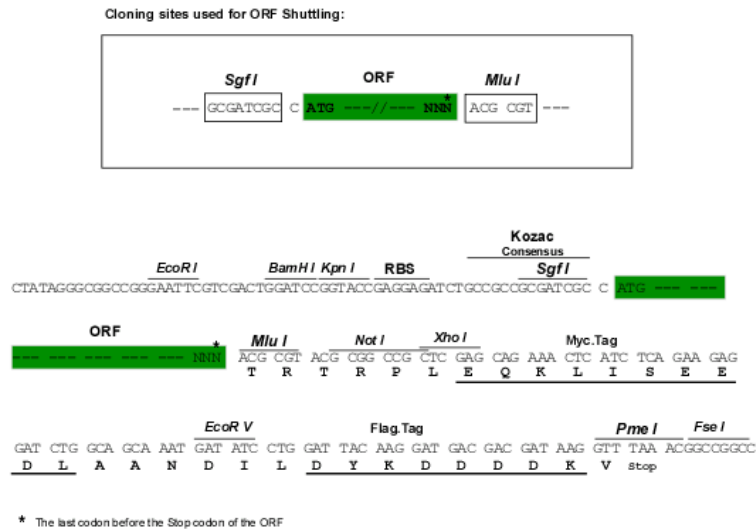
MLALRSLRTALAPRVLTQVCSPFATGPRQSNFTYEFRTYFLKPSKTNEFLENFKNSVHLRTAHSEMI
 GYWTVEFGGRTNRVFIWKYDNFAHRTAVRKALAKDKEWQERFLIPNLAFIDKQEVEITYLVPWCKIGTP
 PKEGVYELATFQMKPGPALWGNFAKRAVNAHVELGYSTLVGVFHTHEYGALNRVHVLWWNESADSRAAGR
 HWSHEDPRVVAAVRESVSYLESQNTFLIPTSFSPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_025623

ORF Size:

741 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_025623.3](#)

RefSeq Size: 1507 bp

RefSeq ORF: 744 bp

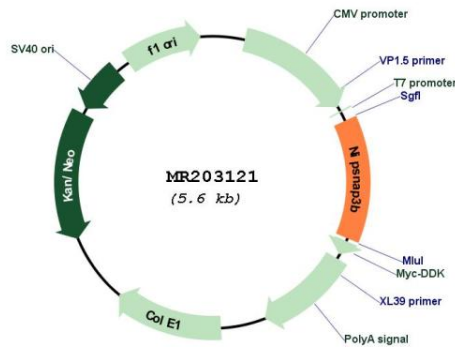
Locus ID: 66536

UniProt ID: [Q9CQE1](#)

Cytogenetics: 4 B2

MW: 28.3 kDa

Product images:



Circular map for MR203121