

Product datasheet for MR213513

Nipsnap3a (NM_028529) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nipsnap3a (NM_028529) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nipsnap3a
Synonyms:	1700054F22Rik; AI429120; RP23-95M14.6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR213513 representing NM_028529 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTGCTCTCCGAGGCAGCCTAAGGAGGCTTTCACAGGCTCTGGTGCATCAGGTGTGCTCGCCTTTCA
CTACTGGCCACAGACAACAAGAAGGAACATTCTATGAATTTTGTACTTATTACCTTAAGCCCGCAAGTGT
GGAAGAGTTCCTGTACAATTTAAGAAAAATGTTTCATCTCGGACAGCTCATTCTGAATTTGGTGGGATAT
TGGACTGTAGGATTTGGAGGCAGAATAAACTGTATTCCATTTTGGAAATACGATAATTTTGCTCACC
GTGCTGCAGTATACAAAGCCTTGGCCAAGGATGAGGATTGGCAAGAACAGTTCCTCATTCCAATTTGCC
TCTCATTGACAAAACAAGAGAGTAAATTACCTATTTGGTACCATGGTGCAAAATAGGAAAGCCTCCCAAG
GAAGGAGTCTATGAACTGGCTACTTTTCTGATGAAACCTGGTGGCCAGCTCTATGGGGTGAAGCATTTC
AAAGAGCAGTAAATGCCCATGCTGATCAAGGCTACATTAATAATTGGTGTGTTCCATGCAGAGTATGG
ATTGCTCAACAGAGTTCATGTTCTGTGGTGGTGTGAGAACGCAGACGCTCGGGCAGCTGGGAGACGGCAA
GCCCATGAAGATCCCAGAGTCGTGTCTGCTGTCCGGGAAAGTGTCAACTACCTAGATGTTTCAGCAGAACA
TGTTCCTCATTCCGTGGTCATTTTACCCTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR213513 representing NM_028529
 Red=Cloning site Green=Tags(s)

MLALRGSRLRRLSQALVHQVCSPTTGHRRQEGTFYEFCTYYLKPASVEEFLYNFKKNVHLRTAHSELVGY
 WTVGFGGRINTVFHIWKYDNFAHRAAVYKALAKDEDWQEQLIPNLPLIDKQESEITYLVPWCKIGKPPK
 EGVYELATFLMKPGGPALWGEAFQRAVNAHADQGYIKLIGVFHAEYGLLNRVHVLWWCENADARAAGRRO
 AHEDPRVVSAVRESVNYLDVQQNMFLIPWSFSPLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9043_b08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_028529

ORF Size: 735 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_028529.1](#), [NP_082805.1](#)

RefSeq Size: 1099 bp

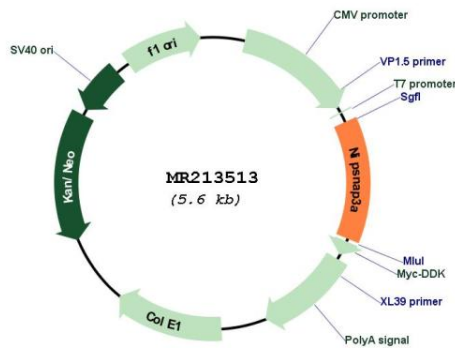
RefSeq ORF: 738 bp

Locus ID: 73398

Cytogenetics: 4 B2

MW: 28.7 kDa

Product images:



Circular map for MR213513