

Product datasheet for **RN214322**

Nap113 (NM_133402) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nap113 (NM_133402) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nap113
Synonyms:	MGC124570
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214322 representing NM_133402
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAAGCGGATCCTAAAATGGTCACAGAACCTGCTGCCAAGGGTTGCTGAAGAGGCGATGGCTA
 GCTCAGCTTGTGATTCTGGGACGAATCTGACAGCAATAGCTCTAGCAGTACCACTAGTTGCGGCAGCAC
 CGGCAGCAGCAGCAGCAGCAGCAGTAGTAGCAGCAGCAGCAGCAGCAGCAGTAGTGGTAGCAGTGGCAGC
 AGCAGCAATGGCAGTCACTTACACCAAAAAGAAGAGGGTACCTGGGCCTTCGAGAAGGGCCCGCAGCAGT
 CCTCCGGGAAACTATTTCATGGATAAGCTGCCCAAGCAGTAAGAAATCGGGTGCAGGCTCTCAGAAATAT
 TCAGAATGAGTGTGACAAAGTAGACACTTTGTTCTTAAGGGCAATTCATGATCTTGAAAGAAAGTATGCT
 GAACTCAATAAGCCCTTATATGATAAGCGTTTTTCAGATCATAAATGCAGAATATGAGCCACCGAAGAAG
 AATGTGAATGGAATTCAGAAGAAGAGTTCAGTGGTATGAAGAAATGCAGGATGACACACCTAATGAAAT
 GCCACCCTTAGAGGGTGAGGAGGAAGAAGAAATGGCAAAGAAAATACTGAAGTGAAGAAGAAGTAAAA
 GATGTTCCAGAAGAAGTTCCTGAGGCAAAAGTTGAAGAAGAGGAGGCTCCCAAAGAACTTCTGAGGTGA
 AAACCGAAGAAAAAGAAATTCAAAAGAAGTCCCGAAGAAAAAGCTGAAGAACAGGAATCCTCTAAAGA
 ATTTCTGAGGTAAGTTGAAGAAAAACAGACTCTACAGATTGTATAGATATAGCTCCTGAAGAAAAA
 GAAGACCTCAAAGATGTTACCCAGGCAATGCAGAATATACGGATCAGCCTACAGAAGACTCTACACCAA
 GGGCTCCAGTAAGAGAGGCTCAAAAAGAGTTCCTGAGACAAGGCCTGAAGAAAGAGTCAATATTTAAAG
 GGCTCGAAAGGGAAAACCTAAGAAAGAAGATCCACCTAGAGGTATTCTGACTACTGGCTGACTGTTTTA
 AAGAATGTTGATAAGCTTGGGCCTATGATTCAAAAGTGTATGAACCCATTTTGAAGTTCTTATCTGATG
 TTAGCCTGAAGTTCTCAAACCTGGCCAGCCTATAAGTTACACTTTTGAATTTCTTTCTCTAACC
 ATACTTCAGAAATGAGCTCCTGATGAAGACATACATAAATAGGTCAAACCCAGATCACTATGACCCTTTC
 TTCGTTGGGGATGGGAAATTGAAGAGTGTAAAGGCTGCAAAATAGATTGGAGACGAGGAAAAGATGTTA
 CAGTGACAACCAGGAGTCGCCAGCTATTACAGGGGAAATTGAAGTCCAGCCAAGAGTGGTTCCTAATGC
 ATCCTTCTCAATTTCTCAGTCTCCTGAGATTCCTTTGATTGGGAAGCTGGAACCAAAAAGAAGACGCT
 ATCCTTGATGAGGACTTTGAGATTGGTCAAATTTGCATGATAATGTCATCTTGAAGTCAATCTATTACT
 TCACAGGAGAAATCAATGATCCCTACTACCATGATTTCCAGGGATTATGGAACAGGAAGTACTACAAGTA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133402

Insert Size: 1611 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:

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_133402.2](#), [NP_596893.1](#)

RefSeq Size: 2824 bp

RefSeq ORF: 1611 bp

Locus ID: 170914

UniProt ID: [Q924R9](#)

Cytogenetics: Xq31

Gene Summary: human homolog is a nucleosome assembly protein with strong expression in the brain but weak expression in the heart [RGD, Feb 2006]