

Product datasheet for **RN207579**

N4bp2l2 (NM_001005533) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N4bp2l2 (NM_001005533) Rat Untagged Clone
Tag:	Tag Free
Symbol:	N4bp2l2
Synonyms:	MGC94223
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207579 representing NM_001005533
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCTTATAGTGAAATTGAAGCTAAGTTTGGGACCTGGAAAAGAACTAACAAGGAACCATGTTATA
 AAAAGTTGAAATCAGCTGTAGATGATGGTGTTCCTCCCATCGAGGTGGACCTGATAGTCACAGAATCCA
 AGAGAAAATAAAAAATAGGCTCCCTGTGGCCACCATTAACTTCAGAAGACGTGTTTGTCTGGAGAA
 GACAAAACAGTACAGATGTGTTAAAGCCTTGCACAAGGAGATGCCTGGTGATAAAGTGGGTGGCACTG
 AATCCATCGGTTCAAGCTTTCAGGATGGAAAGCCTTAGCACCAGCCAGGGATGATGAAATCTATAG
 CACAAGTAAAGCATTATAGGCCCATTTACAAACCCCTGAAAAAAGAAATGCCGTGAGAGGAAGAAT
 GAGACAGCTACTTTCAATAATACAGATAGCAAAAGAAGACAAGAGGAAAAACAAATTTAACTCCAAAA
 AATTGGAGATTGACACAGAGTTATCGAGTTTACAAAGAAATCGAAGAACTGGAAATGAAATGAAGC
 TTCCCAAGGCAGTTGTAAGGAACAGAACCTTCCAGGAACAGACTCTTCTCATGACCAGGCCTGCAAT
 ACCTTAAACCTGAGGGGAAAGTAAAGATCTGAGCACTGTTCTTCAGTCACACTGCGGCTATCAACCAT
 ACCTGGAAGATGAATCAGACTATCCCTGTGATGAACAGTTGATACCTGCATTTTGTGATACTTCATTTC
 TTCCTTCAAGCCTGAGTGGCAGTCAGTACATCCTTTGTACATACCCCATGATCCTCTGCCAGTTTAAAT
 TACTTTAATATCAAGATTGGTGCCCACTACATCCACCACCAAGCGTTTCCATGCGCGAGATGACG
 CTCGGTTGCAGAGTGGGTGTTACATAGACAGTTATCAGGACGGCTGGAGCTGTTTGACTTTGGATCAGAA
 CGATGAGTATGCTAACTATGATGTGCCTGGCAATGTCCACCCCTTGGAAATGGCTATGGGTACAAGAT
 GACAGTGTGAAGAATGGTTTCTGTGAAATCAGAGAGTGTGGCAAGATCCTTCCATGGACATGCATAATG
 AAGCAGACAGTTTGTGAACCAAGTCTTCAAGAGGACAGTTAAATAAATTGCAGAAATTAATTATTCT
 TCTGCGAGGCCTCCCGGTTCTGAAAAACAACATTGTCTCGAATTCTGCTTGGTCAGAGTCGTGATGGC
 ATCGTGTTCAAGTATGACTACTTTCATCATCAAGTGGGTACAGGTACAATGTTAATCAGCTTGGTG
 ATGCCCATGACTGGAACCAAGACAGAGCAAAACAAGCTATCGATCAGGGGAGATCTCCAGTTATCATAGA
 CAACACTAATACACAAGCCTGGGAAATGAAACCTATGTGGAATGGCCATAGGAAAAGGATACAGAGTA
 GAGTTTCATGAACCGGAACTTGGTGGAGTTTGACCCTGAAGAATTAGAAAAGAGGAATAAACATGGCG
 TGTCTCGAAGAAGATTGCTCAGATGTTAGACCGTTATGAATTTCAAATGTCCATCTCCATCGTGATGAA
 TTCAGTGAACCAACACAGAAAAGCACAAACACCCCTTCTCTCCAGGGGACCAGAGGTGGGAGGC
 TCTCTAGGCTCACATAGTCAAGTATCTATCAGATGACTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001005533

Insert Size: 1725 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_001005533.1](#), [NP_001005533.1](#)

RefSeq Size: 2014 bp

RefSeq ORF: 1725 bp

Locus ID: 288416

UniProt ID: [Q66H65](#)

Cytogenetics: 12p12