

Product datasheet for **MC205899**

N4bp3 (NM_145974) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N4bp3 (NM_145974) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	N4bp3
Synonyms:	C330016O10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055831
 GCGCTCTAGAGCCTCGTCCGGGCTGGGGTCTGCAGAGCTGCTGCACGTGAGCGAGCGAACGAGCACGCAT
 CGCGGTGGCCGCTGCACCATGCGCGGCTAGCGGTGGGGTCCCAGCCCGCAGCACCCGCGAGCCCGGGCG
 GGGCTCAGGTCGCTCGGGGGCGGTGCCGTTCCCGCCCCACATCCGGGGGCGGGGCTGGGCGCTGGGG
 CTCGCGCCGCGCGGTGAGTCAGGCCGGTTTTCCCTCCGTCTCTGGGGCCAGCGGACGAGTGTGCCCCA
 GTGCGTCTTTGCCCGCGATCCGGTCCCGCGGTCCCGAAGAGCCTGGGAAGAGAAAGTTTCGAGAC
 CGAGCTGGGACTGCAGCGCCCTAGGATTCACGGAGCCAGCATGAATCAGTGCCTGAGCCGCTGTTGA
 ACCTTCATGGCCACAACCTCAGGCCCTGCTGGCATTGCCATGGGACGCTAGGTAGCCTGTTGGAACGGC
 AAGACTTTTCCCTGAAGAACTTCGGGCGCACTGGCTGGCTCCCGGGGCTCCCGCAGCCCGATGGGCT
 CCTCCGAAAGGCTTGGGCAACGAGAGTCTTTCAGTACCTGCATCTCCCAAGAAAGATGGCAAGACC
 ACCAAGCGAGCCCTCGGAACGAGCCAGACTATGCCACCCTCTACTACCGGGAGCATCCTCGGGTGGTG
 ACTTCAGCAAGACTTCCCTGCCTGAGCGGGTTCGCTTTGACAAGTCCGAATCCGCTCTTGTGTTCAA
 GCCTCCTGTGGGCTCTGGGAAAGCTTCTGTCCATGCAAAGCCTGGCAGCCACAAGGGCCAGAAGTTG
 TGGCGAAGCAACGGCAGCCTGCACACTTGGCCTGTACCCACCCTGAGCCCTGGGCTCGGGCCAGTC
 AGGCCCGTGCACAGTTGCTTACGCTCTACGCTAGATGAAGGTGGCCCTGAGCCAGCCTGTCGGACTC
 TTCCAGCGGGGTAGTTTTGGCCGTAGTCCAGGTACTGGCCCCAGCCCTTCAGCTCCTCTGGGCCAC
 ATTAATCACCTTGAGGGCTCCCTGGACCGTGTCCAAGGAGCCCAAGGAGTCTGGACCTTGGCGGTCC
 TGAGCTGCCTGCCGAACCACCTCCCCCTATGAGTTCTCCTGCCCACTACTGAAGAGGTGCGCGTGT
 GCCTGAGGCCCGTGAAGAGCTCAAGAGGGACCTCGGTGACCAGGATGTTTCTAACTCCTTACTCAGGTG
 CTAGAGGAGCGCCAGCGGTTGTGGTTGTCTGAGCTGAAGCGTCTGTATGTGGAACGACTTCATGAGGTG
 CCCAGAAAGCTGAGCGCAGCGAGCGCAACCTCAAAGTGCAGCTGTTTATGGCTCAACAGGAGCAGCGCG
 CCTGCGCAAGGAGCTGCGGGCTCAGCAGGGCTGGCCCCAGAGCCTCGGACGTCTGGTCTCCTATGGAG
 GCTGACCCCAATGCTCGGCCAGAGGAAGAAGCCGATGGGAGGTGTGCCAGAAGACCGGGAGATCAGTC
 TGTTGAAACAGCAGCTCCGGGAAGCCAGCGGAGCTGGCACAGAAGCTGGCAGAGATCTTCAGTTTGA
 GACGCAACTTCGGGGCAGCCGGGCAAGCCAGGCTCAGGACGTGAGCTAGCCAGGCTGCGGGAGGCA
 GTGCACAGCCTGCAGGAGCAGGCACCGCGGGAGGAAGCCAGGAGCTGCGAGACAGATGACTGCAAGA
 GCAGAGGACTGCTGGGGAGGCAGGAGGAGTGAAGCCAGAGAAGGGGCCGAGCAGCTGAGGGCAGAGCT
 GCTGCAAGAGCGGCTTAGGGGCCAGGAGCAGGCTCTGCGCTTTGAGCAGGAGAGGCGAGCTTGGCAGGAG
 GAAAAGGAGAGGGTGTGCGCTACCAGCGAGAAATCCAAGGGAGCTACATGGACATGTACCGCCGCAACC
 AGGCACCTGAACACGAGCTGCGGCTGCTGCGGGAGCCTCTACATCCTGGAGTCCCGGCTGGAGTCTC
 CAAGATCTGAGGCTCGCCAAGTGTGCTGACAGTGGGCATACTGTGAGAAGATACCCTGAGATGGCAGGCT
 CCTCCCTTGCACTGGTTGGAGGCAGAATCTGTAGAGGCCAGATCAGGGATGGGACCCCGCCCGTGGAG
 GGCTCCAGCGGGCAATGGGATGGATAGGGTACCTGCTCCCGAAGCTGTGGCAAAGTCTTGTAGCAGCGA
 ACCACACCCAGGGAGGGTCTAGCCCTGCTTCCAACAGTGGGTGTGGCCTGGTAAAGTAGGTTGGAGCCGT
 CCAAGCTTCAGCCCCACGATGCAGAAGAGCAGGAGAGGAGGGTGGCATGTGACCTGGCTGAGGTCT
 TCCTCCATGGAAGGAGCCAGGGTTGGGAAGATTGGCCACCTCCAGAATAAAAAGCACGTTTTTATGAGGA
 GGCCTAGTTGATAAGATTGCTCTGGCCTGAGGCCAGAGGCTCCTGGATGGTCAAGTGTCCAGGCCCTTG
 ACCTAGGCTGTAGTTCCTTCTATGTTCCCAACAATGAAAAGAATATACCCCAAAAAAAAAAAAAAAAAAAA AAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_145974
- Insert Size:** 1614 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: [BC055831](#), [AAH55831](#)

RefSeq Size: 2593 bp

RefSeq ORF: 1614 bp

Locus ID: 212706

UniProt ID: [Q8C7U1](#)

Cytogenetics: 11 B1.3

Gene Summary: Plays a role in axon and dendrite arborization during cranial nerve development. May also be important for neural crest migration and early development of other anterior structures including eye, brain and cranial cartilage.[UniProtKB/Swiss-Prot Function]