

Product datasheet for **MC223122**

Nav1 (BC059840) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nav1 (BC059840) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Nav1
 Synonyms: 9530089B19, POMFIL3, C230080M11Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC059840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGGCAGCAGCGTCAAGAGCGTGCAGCCGAGGTGGAGCTGAGCGGCGCAGCGGCAGCGGGCGG
 ACGAGGGCGCGGACGAGTCTCGGGAGCCAGCAGAAAGGCAGCCGCGGCGGACGGCAGAGGCATGCTGCC
 CAAGCGGCCAAGGCGGCAGGAGGCAGTGGCAGTATGGCCAAGGCCAGTGCAGCGGAGCTGAAGGTCTTC
 AAGTCCGGCAGCGTGGACAGTCGTGCCCGGGCGGCTGCCTACCTCCAACCTGCCAAACAGAAGTCGC
 TCACCAACCTCTCGTTTCTCACGGACTCCGAGAAAAAGCTGCAGCTGTATGAGCCTGAGTGGAGTATGA
 TATGGCCAAAGCACCCAAGGGTTTGGGCAAAGTGGGGCCAAAGGGCCGAGACTCCTCTGATGTCCAAG
 ACGCTGTCCAAGTCTGAGCATTGCTCTTCCAACCCAAGGTGGCTCAACCGGCGGCGCAAGACCCAC
 TGGCTCCGCTAGCGCCAGCCTAGGCAAACCTAGCCGATTCTCGGGGACCCTATGCGGAGGTCAAGCC
 TCTCAGCAAGGCGCTGAGGCAGCGGTAAAGCATGATGGCAAATCGGATGACGAAGTCTTCCAGCAAG
 GCTAAAGCGCAAAAGGGCTCAGGGACTGTGCCCTGCAAGGGCCAGGAGGAGCGGGCCTTCTCAAGG
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 GCCTGGAGTTGGTGGAGTCCCTGGACTCTGACGAGGTGGACCTCAAATCCGGCTACATGAGTGACAGTGA
 CCTCATGGGCAAGACCATGACAGAAGACGATGACATCACAACGGGCTGGGATGAAAGCAGCTCCATTAGC
 AGTGGGCTCAGCGATGCCTCCGACAACCTCAGCTCAGAAGAGTTCATGCCAGCTCCTCACTCAACTCCC
 TCCAACCACTCCCACTGCCTCCCGCAGGAGCTCCACTATAGTGTACGCACAGACTCGGAGAAGCGCTC
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 AGTGGTAGCCTGAAGATGGAACCTGGGACTTCAAAGTGGCGGAGAGAGAGACCAGAGAGCTGCGATGACG



CATCCAAGGGCGGAGAACTGAAAAAGCCCATCAGCCTGGGACACCCAGGGTCCTTGAAAAAGGGCAAGAC
 CCCTCCGGTGGCTGTACCTCTCCCATCACTCACACCCGCCAGAGTGCCCTCAAAGTCGCAGGCAAACCT
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 CTTTGGTTATAAGAAGCCTCCCCCTGCTACTGGCACAGCCACTGTATGCAGACCCGTAGCTCAGCCACC
 CTCAGCAAGATCCAGAAGTCTCAGGGATCCCTGTGAAGCCAGTAAACGGGCGCAAGACGAGTTTAGACG
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 GACCCACGCTCCTCAGACCAAGCAGGGTGGCCTTACACCCCTCAGACTGAAGGAACCTTCCAAGTGC
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 TGCTTCACTCCCAGCCAGCACCATCCTCAATATTAAGTCAAGCCAGCTTCTCCCAGGGCCTGGAGCTAA
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 GTCCCTCCAGATGCCAATGAGCCTGCCAGTGCCTTCCCAGCAGCGCCCCCATCCCTACCCACCTACT
 GCCCATCAGAGGAAGACACAGAAGAGCTGCCCTGGAGTGAAGCCCCAGGGCTGGACAATTGGACAGTC
 AGCGAGATCGGAATACCCTCCCCAAGAAAGGGCTCAGGTACCAGCTTCAAGTCCCAGGATGAGACCAAGGA
 GAGGCGGCACTCCCACTGCCGGTGGGCTTCCAGAATCCGACGACCAGGAGAGCTGCCATCCCCCCT
 GCTCTCCATGTCTTGAAGTGCAGAAAGGGCCAGCTTACCAACATAGTGAAGTCCCAGTCCGAGCCACCAAGC
 CAAGAATCACCCGATCCAACAGCATCCCCACCCAGGAGCGGCCCTCGAGCTGTACAGCGGCTCCCAAT
 GGGGAGCACCCCTGTCCCTGGCCGAGAGACCAAGGGAATGATTGGTCAAGGATCCTTCCGAGACCCACG
 GATGATGTTTCAAGTGTGCTGCTCTCTGGCCCTCCAGTGTCTTCTACCTACTCTCAGCTGAGGAGA
 GGATGCAATCTGAGCAAATTCGGAAGCTTCGTAGGGAGCTGGAGTCGTCAGGAAAAGGTGGCCACCCT
 GACATCTCAGCTGTCTGCCAACGCTAACCTAGTGGCCGCTTTCGAGCAGAGCCTGGTGAATGACATCC
 CGCCTGCGACACCTGGCAGAGACGGCCGAGGAGAAGGACACCGAGCTGTTGGATTTGCGAGAAAATAAG
 ACTTCTGAAGAAAAGAATTCCGAGGCCAGGCAGTATCCAGGGAGCGTTAAATGCCTCAGAAGCCAC
 GCCCAAAGAACTCCGGATCAAGAGGCAGAATTCTCAGATAGCATCTCCAGCCTCAACAGCATCACCAGC
 CATTCCAGCATCGGCAGCAGAAAGATGCTGATGCCAAGAAGAAAAGAAGAGTTGGCTTCGGAGTT
 CCTTCAACAAAGCCTTCAGTTTGTGA

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** BC059840
- Insert Size:** 3666 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: [BC059840](#), [AAH59840](#)

RefSeq Size: 3938 bp

RefSeq ORF: 3665 bp

Locus ID: 215690

Cytogenetics: 1 E4

Gene Summary: May be involved in neuronal migration.[UniProtKB/Swiss-Prot Function]