

Product datasheet for **MC201999**

Nrsn1 (NM_009513) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrsn1 (NM_009513) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrsn1
Synonyms:	Neurensin-1; Neuro-p24; Vmp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC052019 sequence for NM_009513
 AGAAAGACCAAAGATAAACAGGCAGAGGACAAGGAGAACATTGAAGCTGGGAAGATGACTTCTTGCAGC
 AACACCTGTGGGTCCAGGCGAGCCAGGCTGACACCGAGGGTGGGTACCAGCAGCGCTATGGAGTTCGGT
 CCTACCTGCATCAGTTTTATGAGGACTGCACTGCCTCTATCTGGGAGTATGAGGATGATTCCAGATCCA
 GAGATCGCCTAACAGGTGGAGCTCAGTATTCTGGAAGTCCGACTCATCTCAGGCACTGTCTTTGTGATT
 CTCGGACTAACTGTCTTGGCAGTGGCTTTCTTGTGCCCCCAAAATCGAAGCTTTTGGCGAAGCTGATT
 TCATGGTGGTGGACACACATGCTGTGAAGTACAACGGCGCCCTGGACACATGCAAGCTGGCGGGGCTGT
 GCTCTTCTGCATCGGGGTACATCCATGGCAGGGTGCCTACTGATGTCTGTGTTTGCCAAGAGCTATTCC
 AAAGAAGAAAAGTTCTTCAACAGAAGTTAAAGAGCGAATCGCAGACATTAAAGCCCATACCCAGCCCA
 TCACTAAAGCTCCAGGCCAGGGGACACCAAGATCCCTGTCACTTTGTCCAGAGTTCAGAATGTGCAGCC
 TCTATCAGCCACTTGAAACATTTGTACCTCAGGCCTCCCTCTCTGATTCACATGCATCCTCGTTTTAA
 AAAGGTAGCCAGTCAGTTTTTGGATAACATGCATTTGGCAGTGACCTATCTATCCCTAGAGCTGTGTGG
 GGCTGGACAGGGTGCATGCAGACTTACATGCACTTCAGGTGACAGTGGATGTTATGTGTCCGTTCTGAC
 CTGCTTCTGGTGGTTCCACAAGCCCTCTTGAAGTAGTGTCTCTGGTGTATCAATGTTGTATCATTTTTC
 TGTGTTACTTGAAGCACTGAGCAGAGTAGACCAGCCTACCAGTGTCAACGTGACCCACTTCATTCTCT
 AATAGGTTTTTCTGATCCCTCCGTGTGGTGTCTTCCATGCCTATTTCTGTGTATGATACCATCATGT
 GTTCTAGAAATTCAGTTCCTGATTTTGTATCCAGATGTTAGACTTTTAACTCTATCTTAGCATAAAAGT
 CCTAAAAGTGAGCAGGAATTTATCAGTGTCTTTGTAAGTCATTTTGTTCCTCCAGATGTTGTTTCTTT
 TCACTTAAAGTAAAATCGCCAGTTTTGGAATCTTGGTAAAGGCAGTATCAACAATGAGAGTGGGAGTATAC
 ATTTAGGCAGCATCTAAAACAGTTAAACACTGAAAACTTGAGTTTCTGCCAGTACCTTTGCCATGTGA
 AAAAAAAAAATGTTCCCGACCTGTTTTCCCTCCTGTGTAAGAGGGTTTCAACCTTACCTGCCTCAAG
 TATCCAAATTTATTTTCTGTGCTACTGAGTCTTTTCTGAGGATCTTGTGATGGTTTCTGTTGGGGT
 ATGGTCAGAAGTGGACTCCTGGCACCTCCAACCTGCTATTTTTTTCAGTATTTACCCAAAAACCCAAACCA
 AGCAGATTGGATGATGCCAATGTGTTTCTATAGAGACGAGTATGCTATTCTCAAATAAGAAACCCCAAGG
 TGGTGTCAACCTTAAAAAGCATTAAATCGTCAAACAGGAAAAACGGAGCCCAAGATCCCTTTGTTCCCTT
 GCATTTTCATTTAATCTGAAAATGTAGATTAGGCAGAGGAGAAGGGAAAAGTCTGACTCTGGTATTCTCTC
 AACTGTGCTCCTTAGAGTTTTGTCTTTGTGTGTATACATAGTCTTCATCTCAACAGTAAATAACACATGT
 GAATGGGCCCAACCAGAAGTGCCTGCTATCCCTCCAGTGTAGCTCTTTTCTCTCCACCATGTAATTTTC
 CATTCTGAGACTGAATAAGCTCTGATGTTTCCCTGACTAAATGGAAGAATAAATGAAGCAATTAGTGGTC
 AA

Restriction Sites: Ascl-NotI

ACCN: NM_009513

Insert Size: 591 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: [BC052019](#), [AAH52019](#)

RefSeq Size: 2005 bp

RefSeq ORF: 591 bp

Locus ID: 22360

UniProt ID: [P97799](#)

Cytogenetics: 13 A3.1

Gene Summary: May play an important role in neural organelle transport, and in transduction of nerve signals or in nerve growth (PubMed:12445626, PubMed:16527258, PubMed:16696124, PubMed:9191101). May play a role in neurite extension (PubMed:26430118).
[UniProtKB/Swiss-Prot Function]