

Product datasheet for **SC120333**

NRSN1 (NM_080723) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRSN1 (NM_080723) Human Untagged Clone
Tag:	Tag Free
Symbol:	NRSN1
Synonyms:	p24; VMP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120333 sequence for NM_080723 edited (data generated by NextGen Sequencing)

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ATGAGTTCTTGCAGCAACGTCTGTGGTCCAGGCAGGCACAGGCTGCAGCTGAGGGTGGT
TACCAGCGCTATGGAGTCCGGTCTACCTGCACCAGTTTTATGAGGACTGTACAGCCTCA
ATTTGGGAGTATGAGGATGATTTCCAGATCCAAAGATCACCTAACAGGTGGAGCTCAGTA
TTCTGGAAGTTGGACTCATCTCAGGTACAGTTTTTGTGATCCTCGGATTGACTGTTCTG
GCAGTGGGCTTTCTGTGCCCCCAAAATCGAAGCATTGGCGAAGCCGATTTTGTGGTG
GTCGACACACATGCTGTCCAGTTAACAGTGCTCTGGACATGTACAAGCTGGCAGGAGCT
GTTCTCTTCTGCATTGGAGGCACGTCCATGGCAGGGTGCCTGCTGATGTCGGTGTGTA
AAGAGCTACTCCAAGAAGAAAAATTCCTCCAGCAGAAGTTAAAGAACGAATCGCAGAC
ATCAAAGCCCACACCCAGCCGGTTACAAAAGCTCCAGGGCCAGGGGAAACAAAGATTCCA
GTCACTTTGTCCAGGGTTCAAATGTCCAGCCTCTACTGGCAACCTGA
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Clone variation with respect to NM_080723.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080723 unedited CAAAATTTGTATACGACTCACTATAGGCGGCCGCGATTCCGGCACGAGGCGGCGGTGGCGA CGGCGATGGGACCCACGCGAGAGATCTGCAGCTAGGCTGGCTGCACTTGCTCCACGGGTC AGGGGATCGGAGGGGGATTGAAGAATGCGCCATTAAGGAAAGATCAAGGAGTAAACCA GAAGAAGAAGAAAAGAGGACTTCAAAGCTGGGAAGGATGAGTTCTTGCAGCAACGTCTG TGGGTCCAGGCAGGCACAGGCTGCAGCTGAGGGTGGTTACCAGCGCTATGGAGTCCGGTC CTACCTGCACCAGTTTTATGAGGACTGTACAGCCTCAATTTGGGAGTATGAGGATGATTT CCAGATCCAAAGATCACCTAACAGGTGGAGCTCAGTATTCTGGAAGGTTGGACTCATCTC AGGTACAGTTTTTTGTGATCCTCGGATTGACTGTTCTGGCAGTGGGCTTTCTTGTGCCCC CAAAATCGAAGCATTGGCGAAGCCGATTTTGTGGTGGTCGACACACATGCTGTCCAGTT TAACAGTGCTCTGGACATGTACAAGCTGGCAGGAGCTGTTCTTCTGCATTGGAGGCAC GTNCATGGCAGGNTGCCTGCTGATGTCNNGTGTGTAAGAGCTACTNCAAAGAAGAAAA TTCCTNCAGCAGAAAGTTAAGAACGAATCGCAGACATCAAAGCCACACCCAGNGNGT TACAAAGCTNCAGGGCCAGGGGAAAACAAGATTCACTCACTTTGTNCAGGGTTCAAATGT NCAGCCTCTACTGGCACTGAANCCTTNNCNACCCAGTTCTTCTGTCTGATTATGCCCC TGGTTAAAAGACANGCCAGTTTCAGATAAGAAATATTGCGTGACTGCCTAGGNCCTGGTC CNCTGGGGGCATTAATGGTGGACTAACTTGCTCANTCAGCACCTGCTGAGAGGCGGGGCA TGCTC
Restriction Sites:	NotI-NotI
ACCN:	NM_080723
Insert Size:	2400 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:	<ol style="list-style-type: none"> 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_080723.2 , NP_542454.2
RefSeq Size:	2358 bp
RefSeq ORF:	588 bp
Locus ID:	140767
UniProt ID:	Q8IZ57
Cytogenetics:	6p22.3
Protein Families:	Transmembrane

Gene Summary:

May play an important role in neural organelle transport, and in transduction of nerve signals or in nerve growth. May play a role in neurite extension. May play a role in memory consolidation (By similarity).[UniProtKB/Swiss-Prot Function]