

Product datasheet for SC111435

NRSN2 (NM_024958) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRSN2 (NM_024958) Human Untagged Clone
Tag:	Tag Free
Symbol:	NRSN2
Synonyms:	C20orf98; dj1103G7.6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111435 sequence for NM_024958 edited (data generated by NextGen Sequencing) ATGATGCCGAGCTGCAATCGTTCCTGCAGCTGCAGCCGCGGCCCCAGCGTGGAGGATGGC AAGTGGTATGGGGTCCGCTCCTACCTGCACCTCTTCTATGAGGACTGTGCAGGCACTGCT CTCAGCGACGACCCTGAGGGACCTCCGGTCTGTGCCCCGCGGCCCTGGCCCTCACTG TGTTGGAAGATCAGCCTGTCTCGGGGACCCTGCTTCTGCTGCTGGGTGTGGCGGCTCTG ACCACTGGCTATGCAGTGCCCCCAAGCTGGAGGGCATCGGTGAGGGTGAGTTCTTGGTG TTGGATCAGCGGGCAGCCGACTACAACCAGGCCCTGGGCACCTGTCGCCTGGCAGGCACA GCGCTCTGTGTGGCAGCTGGAGTTCTGCTCGCCATCTGCCTCTTCTGGGCCATGATAGGC TGGCTGAGCCAGGACACCAAGGCAGAGCCCTTGGACCCGAAGCCGACAGCCACGTGGAG GTCTTCGGGGATGAGCCAGAGCAGCAGTTGTACCCATTTTCCGCAATGCCAGTGGCCAG TCATGGTTCTCGCCACCCGCCAGCCCTTTGGGAATCTTCTGTGCAGACTATCCAGCCC AAGAGGGGACTCCTGA Clone variation with respect to NM_024958.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024958 unedited GACTCAGGATTTGTAACCCGACTTCACTATAGGGCGGCACGCCAATTCGGCACGAGGGCA GCTTCGGTGAGGAGTCTGAGGGGCTGCGTGAGGGGCTGGGGCCAGGGAGTCCGAGGGGT CTCTGTGAGGGCGCTGGGGTGTCCGAGCGAGCAGGGAACCTGGAAGGGGACAGGAGCCG GGGGAGCTGCAGGCGGCCCGCTCTGCAGAGCCAGGCTTTTATGCGGGCCGGCGCCCCCT CCCCGCCCCGAACTGCGGGCAGGCGCGAACCAGACCCGCTTTGCTCGGCGGAGACAG CGGGCAGAGAGGAAAAGGACGCACTTGGTGTGGAGCGGGGCATCGGTGGTCTGTCCAGG AAGAGTGGCGCGGATGAGGAACTGAGACCCAGAAAGGTGGAAGCACTTGTCTAAGGTCA CGCCTCCAGGAAGCAGTGTGTCCACGACTCCAGTCCAAGTGGTCAGGCTCCAGAGCCAC AGTCCCAGGGGTCCATGATGCCGAGCTGCAATCGTTCTGCAGCTGCAGCCGCGGCCCCA GCGTGGAGGATGGCAAGTGGTATGGGGTCCGCTCTACCTGCACCTCTTCTATGAGGACT GTGCAGGCACTGCTCTCAGCGACGACCCTGAGGGACCTCCGGTCTGTGCCCCGCGGGC CCTGGCCCTCACTGTGTGGAAGATCAGCCTGTCTCGGGACCTGCTTCTGCTGCTGG GTGTGGCGGCTCTGACCACTGGCTATGCAGTCCCCCAAGCTGGAGGGCATCGGTGAGG GTGAGTTCCTGGTGTGGATCAGCGGGCAGCCGACTACNACCAGGCCCTGGGCACCTGTC GCCTGGCAGGCACAGCGCTCTGTGTGGCAGCTGGAGTTCTGCTCGCCATCTGCCTCTTCT GGGGCATGATAGGCTGGCTGAGC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024958 unedited ACTGTTTTTTTTTTTTTACCATTCCCAGCTGTTTATTGAAAGGGAAGTGGGATGGAAGG GGTGCAGGATGAGGAGGGGGCGTGAGGCACAAGNACAGTAGGGTGTGCCCTGGTGGGGC CGCCTGAGGATCCCTAGGAGGCCCTTCAGGCTGGTGGAGACTGAAGGTAAGGGTTAGGG AGGGGAGGGGCTGGCTCCGCCCCACCTGTAGCACAAGAGCTGGCCAGGAGGAGGCTGAA GATGTGTTTCTAGTTCCTGCATGCTGCTTGTGTGTGACCTCGGACATGTCACCTCCAG CCTTCTTCACCCACCTCACCTATCAACTAGGGCTAGTAATTGCCTGTGGCGGGTGGGCTG GGGGGCTCTGATGCCAAATGCAGGTAGAAGACACACTGTGAGAGGCAAACGTCTTCACT CATCTGCAGGGAAGGCCAAGTGAAGTCTGGGACCCATTGAGCTGAATGACCCCCAC CCCTTCATCTGTGTCTATGGAGGGCAGTGCCTGTCTCATCTGGCGAGAAGAGGAATCT GATCCAAAGCCCTCATGGCANAGAGGAGGAGCTGATGGCTTGAAAGGGCAAGGGTTTGC CCCAAGTCATGCACAGGAAGGAGTGGGGACCGTTGAACGAGATGTTTTCTGCCCTGAG GGCCTTGTCAACAGGCGTGGGTAGGAAATTTGGGAGGACTTGAGGAATGCTGGTATCTT CGAAGAGTTCGGGCCCTACTCCTGGGGAGGGAGCACTGGGAATTGAGCTTCATATTTGAC CTGCAGTTGGCTCCTAAAGGACCCTGCTAAAGGAGAATTTGGGCAAACTGAAAGGGG TTATGTGACAAGGGGAAGGGATCCAGACCACACCTTAGCCCTGTGGGCACTCCAGAACCC TCTGGCCTGATGTCCGCACACAGATGCCCAAGGGCTGGCCGTGCGCAGACCTGATGGCC
Restriction Sites:	NotI-NotI
ACCN:	NM_024958
Insert Size:	2000 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:	<u>NM_024958.1, NP_079234.1</u>
RefSeq Size:	2042 bp
RefSeq ORF:	615 bp
Locus ID:	80023
UniProt ID:	<u>Q9GZP1</u>
Cytogenetics:	20p13
Protein Families:	Transmembrane
Gene Summary:	May play a role in maintenance and/or transport of vesicles.[UniProtKB/Swiss-Prot Function]