

Product datasheet for **RN200149**

Snx27 (NM_001110151) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx27 (NM_001110151) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snx27
Synonyms:	Mrt1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200149 representing NM_001110151
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGACGAGGACGGGAAGGGATTACCCCTCAGCCCGCACCGAATGGAGGCGGCGGGGGGT
 CTGGGCTCCACTGCGCCGGAACGGTGGCGGGGAGGCGGCGCCCGGGTCTGCGCATTGTCAAGTC
 CGAATCCGGCTACGGCTTCAACGTGCGGGGCAAGTGAGCGAGGGCGGGCAACTGCGGAGCATCAACGGG
 GAGCTGTACGCGCGCTGCAGCATGTGAGCGCCGTGCTGCCGGGGGGCGGCCGACCGGGCGGGGTGC
 GCAAGGGGACCGCATCCTGGAGGTGAACGGCGTGAATGTTGAGGGGGCGACACACAAGCAGGTGGTGA
 CCTGATCCGAGCAGGCGAGAAGGAATTGATCTTGACAGTGTGTCTGTACCTCCTCATGAGGCTGATAAC
 CTAGACCCAGTGACGACTCCTGGGACAATCATTTTATGATTACACAGAAAAGCAAGCAGTGCCCATAT
 CGGTCCCACATACAAACATGTGGAGCAGAATGGTGAGAAATTTGGTATAACAATGTTTATATGGCCGG
 GAGGCAGCTGTGTTCTAAGCGGTACCGGAGTTGCCATTCTGCACCAAAACCTGAAGAGAGAGTTTGCC
 AACTTTACATTTCTCGACTTCCAGGAAAGTGGCCATTCTCATTATCAGAGCAACAGTTAGATGCCCGGC
 GTCGGGGTTGGAAGAATATCTAGAAAAGTGTGCTCCATCCGAGTCATTGGTGAGAGCGACATCATGCA
 GGAGTTCTGTGAGAATCTGATGAGAATTACAATGGTGTGCTGATGTGGAGCTGAGAGTAGCATTACCA
 GATGGAGCAACTGTTACTGTGAGAGTAAAAAGAACAGCACACAGCAAGTGTACCAGGCTATTGCAG
 CAAAGGTTGGCATGGACAGTACAACAGTGAACACTTTGCCTATTTGAAGTCATCAATCATTCTTTGT
 ACGTAAGCTGGCCCTAATGAATTTCTCATAACTGTACGTCCAGAATTACACATCAGCTGTGCCAGGC
 ACCTGCCTGACCATTGCAAGTGGCTCTTACCACAGAAGAAGAAGTCTCTTAAATGACAATGACCTTG
 CTGTCAGTACTTCTTTCATCAGGCTGTTGATGATGTAAGAAAGGTTACATTAAGCGGAGGAGAAGTC
 TTACCAGTTACAGAAGCTGTATGAACAAAGGAAGATGGTCAATGTACCTCAACATGCTAAGGACCTGTGAG
 GGCTACAATGAAATCATCTTCCCTCACTGTGCCTGCGACTCCAGGAGGAAGGGGCATGTTATCACAGCCA
 TCAGCATCACGACTTTAAACTTCATGCCTGCACTGAAGAAGGGCAGCTGGAGAACCAGGTAATAGCGTT
 TGAATGGGATGAGATGCAGCGATGGGACACAGACGAAGAAGGAATGGCCTTCTGTTTTGAATATGCACGA
 GGAGAGAAGAAGCCTCGATGGGTTAAAATCTTACACCATATTTCAATTACATGCATGAGTGCTTTGAGA
 GGGTGTCTGCGAGCTCAAGTGGAGAAAAGAGAATATTTCCAGATGGCGAGGTACAACAGAGGGATGT
 GGCCACC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001110151

Insert Size: 1620 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: [NM_001110151.1](#), [NP_001103621.1](#)

RefSeq Size: 5409 bp

RefSeq ORF: 1620 bp

Locus ID: 260323

UniProt ID: [Q8K4V4](#)

Cytogenetics: 2q34

Gene Summary: may play a role in neuronal adaptation [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.