

## Product datasheet for **RN200148**

### **Snx27 (NM\_152847) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx27 (NM_152847) 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:** >RN200148 representing NM\_152847  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGACGAGGACGGGAAGGGATTACCCCTCAGCCCGCACCGAATGGAGGCGGCGGGGGGT  
CTGGGCTCCACTGCGCCGGGAACGGTGGCGGGGAGGCGGCGGCCGCGGGTCTGCGCATTGTCAAGTC  
CGAATCCGGCTACGGCTTCAACGTGCGGGGCAAGTGAGCGAGGGCGGGCAACTGCGGAGCATCAACGGG  
GAGCTGTACGCGCGCTGCAGCATGTGAGCGCCGTGCTGCCGGGGGGCGGCCGACCGGGCGGGGTGC  
GCAAGGGGACCGCATCCTGGAGGTGAACGGCGTGAATGTTGAGGGGGCGACACACAAGCAGGTGGTGA  
CCTGATCCGAGCAGGCGAGAAGGAATTGATCTTGACAGTGTGTCTGTACCTCCTCATGAGGCTGATAAC  
CTAGACCCAGTGACGACTCCTGGGACAATCATTTTATGATTACACAGAAAAGCAAGCAGTGCCCATAT  
CGGTCCACATACAAACATGTGGAGCAGAATGGTGAGAAATTTGGTATACAATGTTTATATGGCCGG  
GAGGCAGCTGTGTCTAAGCGGTACCGGAGTTGCCATTCTGCACCAAAACCTGAAGAGAGAGTTTGCC  
AACTTTACATTTCTCGACTTCCAGGAAAGTGGCCATTCTCATTATCAGAGCAACAGTTAGATGCCCGGC  
GTCGGGGTTGGAAGAATATCTAGAAAAGTGTGCTCCATCCGAGTCATTGGTGAGAGCGACATCATGCA  
GGAGTTCTGTGAGAATCTGATGAGAATTACAATGGTGTGTCTGATGTGGAGCTGAGAGTAGCATTACCA  
GATGGAGCAACTGTTACTGTGAGAGTAAAAAGAACAGCACCACAGACCAAGTGTACCAGGCTATTGCGA  
CAAAGTTGGCATGGACAGTACAACAGTGAACACTTTGCCTATTTGAAGTCATCAATCATTCTTTGT  
ACGTAAGCTGGCCCTAATGAATTTCTCATAAACTGTACGTCCAGAATTACACATCAGCTGTGCCAGGC  
ACCTGCCTGACCATTGCAAGTGGCTCTTACCACAGAAGAAGAAGTCTCTTAAATGACAATGACCTTG  
CTGTCAGTACTCTTTTCATCAGGCTGTTGATGATGTAAGAAAGGTTACATTAAGCGGAGGAGAAGTC  
TTACCAGTTACAGAAGCTGTATGAACAAAGGAAGATGGTCATGTACCTCAACATGCTAAGGACCTGTGAG  
GGTACAATGAAATCATCTTCCCTCACTGTGCCTGCGACTCCAGGAGGAAGGGGCATGTTATCACAGCCA  
TCAGCATCACGACTTTAACTTCATGCCTGCACTGAAGAAGGGCAGCTGGAGAACCAGGTAATAGCGTT  
TGAATGGGATGAGATGCAGCGATGGGACACAGACGAAGAAGGAATGGCCTTCTGTTTTGAATATGCACGA  
GGAGAGAAGAAGCCTCGATGGGTTAAAATCTTACACCATATTTCAATTACATGCATGAGTGCTTTGAGA  
GGGTGTTCTGCGAGCTCAAGTGGAGAAAAGAGGAATAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_152847

**Insert Size:** 1581 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\\_152847.2](#), [NP\\_690060.2](#)

**RefSeq Size:** 6188 bp

**RefSeq ORF:** 1581 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 (2) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1. The resulting isoform (b) is shorter and has a distinct C-terminus compared to 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.