

## Product datasheet for **RN216829**

### **Sntg1 (NM\_001191981) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sntg1 (NM_001191981) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sntg1
Synonyms:	RGD1560290
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216829 representing NM\_001191981  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAAGAAGAAGGACCAAGGAAGAGACAAGACAGGGTTTGCTTGTACAAGATGGTAAATCAAGAAC  
 CTTTTAAAGTCCGGCTACACCTTGCCAGAGACCTGCTGATGCTACAGGAGCAGGATGTGCTGTGTGTGTC  
 TGGTGAGCCTTTCTATTCTGGTGAAGATTGGTAAAGATCTTTCCCAATCTGTTGGTTGCCGTTTTGGT  
 TTATCTATCTTAGGTGGCTTACTCACAGTGTCCCTGTGTTTGGCTGGGAACTCTCCAAGTACAGGATT  
 CGGAAGTGTCCGGACTGCTTTTCATTGGGGATGCAATTTTACAGATAAATGGAATTAATGTGAGGAAATG  
 CAGACATGAAGAAGTGGTTCAGTTCTTCGGAATGCTGGGGAGGAAGTACCCTGACAGTGCATTTTTTA  
 AAAAGAGCTCCTGCTTTCCTCAAACCTCCACTTAACGAAGACTGTGCATGTGCTCCGAGTGACCAAAGCA  
 GTGGTACCTCCTCCTCTTTGTGACAGTGGATTACACCTCAACTACCATCCAAACAACACAGACACCTT  
 TCCTGCTCTTTCATGGCCACATCTCCAGGCCTGCGGTGGGAGAAGCGCTGGTGTGACCTCAGGCTCATT  
 CCCTACTACATGCCCGCTTTCCAGTATGTGCCCGGACTGACCTGAGTCGGCAGAACGCTTTCCAAG  
 TTGTTGCTGTGGATGGAGTCTGCAGTGGAAATCTTCAGTGCTCTCTGCTGAAGACTGCATGGATTGGCT  
 CCAAGCAATAGCAACTAACATTTCAAACCTCACAAAGCACAATATCAAAAAATCAACAGAAATTTTCT  
 GTAACCAGCAGATAGTCTACATGGGCTGGTGTGAAGCTGGGAGCAGGAATCCCTCCAGGACCGTGTGT  
 ACACACCTGTGTTTCTTCCCTGCGGGGCTCCTGTCTTTACAGGTTCTGTACCTCCAGTGACCACCTG  
 GGACTGGACTCGAGCAGAGAAGACCTTCTCCGTGTGTGAGATCATGTGCAAAGTTCTCAAGGACAGTGAC  
 CTACTGGATCGGCGAAACATTGCTTCACTATGCAGTCCGAGTGTGGGGAGGACCTATACTTCTCTGTGG  
 AGTTAGAAAGTGACCTTGCCAGTGGGAACGAGCCTTCCAAACAGCCACTTCCCTTGAAGTGGAGCGCAT  
 ACAGTGAAGACCTATGCATGTGTGCTGGAGAGTCACTAATGGCCTCACTATTGACTTTAGCACAGGC  
 TTCATCTGCTTTGATGCAGCAACAAGGCTGTACTTTGGAGGTATAAATTTTCTCAGCTTAAGGATCAT  
 CAGATGATGGCAAAGCAAAATCAAATTTTGTTCAGAAATCAAGATACGAAACAGATTGAAGCAAAGGA  
 GTTGAATTTTCAAATTTGTTTGTCTTCTCACTGTATTCACTATTTTGTGCCAAAGTAGCTTGT  
 TTGGACCTCTGTTTTAGGTAATCAGGCTGCTACTTCCGCTGCTGCTGCCAGCTCTGCTTCTACAAGCA  
 AGGCAAAACACATGGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001191981

**Insert Size:** 1560 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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\\_001191981.1](#), [NP\\_001178910.1](#)

**RefSeq Size:** 1560 bp

**RefSeq ORF:** 1560 bp

**Locus ID:** 500394

**Cytogenetics:** 5q11