

Product datasheet for **RN202550**

Snta1 (NM_001100901) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snta1 (NM_001100901) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snta1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202550 representing NM_001100901
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCAGGCAGGCGCGCTCCGCGCACCGGGTTGCTAGAACTGCGCTCCGGGGCGGGCTCCGGGGCGG
 GTGGTGAGCGGTGGCAGCGGGTGTGCTCACTCTGGCGGAGGACGCGCTGACCGTGAGCCCCGCCGACGG
 CGAGCCCCGGCCGGAGCCGAGCCCGCGCAGCTCAACGGCGCGCTGAGCCCCGGCGGGCTCCCCACAG
 CTGCCAGAGGCGCTGCTGCTCCAGCGGCCCGCGTGACGGTGCGCAAGGCCGACGCCGGCGGGCTCGGCA
 TCAGCATCAAGGGAGGCCGGGAAAACAAGATGCCTATTCTCATTCCAAGATCTCAAGGGGCTGGCAGC
 AGACCAGACGGAGGCCCTTTTGTGGCGATGCCATCCTCTCTGTGAATGGTGAAGATTTGCTCTGCTGCC
 ACCCATGATGAAGCAGTACAGGCCCTCAAGAAGACGGCAAGGAGTTGTGTTGGAGTTAAGTATATGA
 AGGAGGTCTCACCGATTTCAAGAATTCTGCTGGTGGGACCTCCGTTGGTGGGACTCACCTCTGCCTC
 GCCTCTCAGCGTCAGCCTTCTCCCTGGCCCCAACCCGGAACCTCAATGAGGCCAAACATGTATCT
 TTGAAGATGGCGTATGTCTCAAGGAGGTGACCCCACTGACCCGGAGCCAGGTATCTGGAGATCTGTG
 CAGCAGATGGCCAGGACACTCTTCTTGGAGGCCAAGGATGAGGCCAGTGAAGGTCATGGGCAGGTGC
 CATCCAAGCTCAGATCAGCACATTTATACCTTGGGTCAAGGATGAGCTGCAGGCGCTGCTGACAGCCACA
 GGTACAGCTGGGAGCCAGGACATCAAGCAGATTGGCTGGCTCACGGAACAGTTGCCAGTGGGGGTACAG
 CACCAACCCTGGCCCTGCTGACTGAGAAGGAGCTGCTCCTCTACTGCTCTCTCCCCAGACTCGAGAGGC
 CCTGAGCAGGCCGGCCGCACTGCCCGCTCATTGCCACCAGGCTGGTGCCTCAGGCCCTTCCAAGGGC
 TCAGTGCCCTATGATGCAGAGCTCTCCTTGGCCCTGGCAGGGTACACGCCACGGTGTGGACACTCACCC
 TGTTCAAGGTGTGCAAGAAGTGTCTACAGCCTGCACGTGGAATGGCCGTCCTGCAACCTATCCGTGCAC
 ATTGACAAGGGCTTCACTGTGGGCAGCTGAGCCAGGAGCAACCCGAGCTGTGCTGCTCCGACAGCCCT
 TTGAGAACTTCAGATGTCATCAGATGATGGCATGAGTCTCCTTTTCTGGACTTTGGGGGTGCTGAAGG
 AGAGATCCAGCTGGACCTGCATTCTGTCCAAAACCATGGTCTTTATCATCCACTCTTCTGTCTGCC
 AAGGTCACCCGCTTGGGGCTCTTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100901
- Insert Size:** 1500 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_001100901.1](#), [NP_001094371.1](#)

RefSeq Size: 2135 bp

RefSeq ORF: 1500 bp

Locus ID: 362242

Cytogenetics: 3q41