

Product datasheet for **RN203810**

Sntb1 (NM_001130542) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sntb1 (NM_001130542) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sntb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203810 representing NM_001130542
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTAGCGGCAGCGCAGCGGCTGTGGCTGCGCCGGCTGGCGGTGGAGCGCCCGGGCGCAGCGGA
 GCGGACTGTTGGAAGTTTTGGTGCGGGATCGCTGGCATAAAGTTCTGGTGAACCTTGAGCGAGGACGCCCT
 GGTGTTGAGCTGCGAGGAGGGCGCTACGGCGTACAACGGCATAGGGACTACCACCAATGGTTCGTTCTGC
 AGGGGCTCCGGACCGGGCACCCGGGCACTGGTGTGCCTCAAGCCCCGACTCTCCTGCCGGGTCCGCA
 CCGCCTTCACCGACTGCCAGAGCAGGTGCCTGAGTCCATCTCAAACCAGAAGAGGGGCGTGAAGGTCTT
 GAAGCAGGAGCTGGGCGGCTGGGCATTAGCATCAAAGGGGGCAAGAAAAACAAGATGCCATACTCATC
 AGCAAGATCTTCAAGGGGCTGGCAGCCGATCAGACCCAAGCCCTGTACGTGGGCGATGCCATCTGTGAG
 TGAATGGAGCAGACCTGCGGGACGCCACCCACGACGAGGCAGTACAGGCGCTGAAGCGCGCAGGCAAGGA
 AGTGCTGTGGAAGTGAAGTACATGAGAGAAGCCACACCTTACGTGAAGAAAGGATCCCCGTGTCTGAG
 ATTGATGGGAAACACCTCCACCTGAGTCCCCAAGATTAGGGAGTGGCTCTGCAGATCCTCTGTATCCC
 AGCCCTTCTCCTTCCATAGAGACCGGAAAAGCATCCCCCTCAAGATGTGTATGTACCCGGAGCATGAC
 TTTGGCTGACCCTGAAAACAGGCAGCTTGAATCACTCGCCAGATGCTAAGCACACAGTGGTCTGAGG
 AGTAAGGACTCTGCCACTGCCAAGCCTGGTTCAGTGTATCCATTCCAACGTTGGTGACTTGTGGTCC
 GTGTGGTGTGTGACATCAGGGAGCAGCTGGGGAAGACAGGTATTGCTGGCAGTGTGAGATCAGGCATCT
 TGGCTGGCTTGCAGAAAAGGTACCTGGAGAGAGTGAGAAAACAGTGGAAACCAGCCCTGGTTGTTCTGACT
 GAGAAGGATCTTCTAATCTATGACAGCATGCCCGGAGGAAAGAGCCTGGCTTAGCCAGTACATTCGT
 ACCCATTCTTGGCACCAGGTTGGTCCATTCGGGCCAGGAAAGGATCACCTCAGGCTGCTATGGACCT
 GTCCTTTGCAACTCGAACTGGTACCAAGCAAGGAATTGAAACACATCTTTCAGGGCAGAGATCAGCAGG
 GACCTCTCCCACTGGACAAGGAGCATAGTACAGGGGTGCCACAATTACGACAGAGCTCACTGCTGAAATCA
 CCACCGCCTGCACCTACAGAAAACAGGAATGCCGCTTGACCATACATTACGACAATGGATTTTCTATTTT
 CACTGAGCCTCAGGATGGTGCCTTTCCCAAGACAATCATAACAGTCCCCTTATGAGAAGCTCAAAATGTCT
 TCGGATGATGGAATCAGGATGCTCTATTTAGACTTTGGAGGCAAAGAAGGAGAGATTCAACTGGACCTTC
 ACTCTGCCCAAGCCCATCGTTTTTCATCATCCATTCTTTCTGTCTGCTAAGATCACACGACTGGGCTT
 GGTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001130542

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_001130542.1](#), [NP_001124014.1](#)

RefSeq Size: 2502 bp

RefSeq ORF: 1620 bp

Locus ID: 299940

Cytogenetics: 7q32