

Product datasheet for **RN216837**

Sntb2 (NM_001168674) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sntb2 (NM_001168674) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sntb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216837 representing NM_001168674
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGTGTGGACGCGGCCACCAAGCGGGACTGGTGGAGCTGCTTCTGAGGGAGCGCTGGTGCGGG
 TGGTGGCCGAACCTCAGTGGCGAGAGCCTGAGCCTGACGGGCGACGCCGCGCGGTCGAGCCTGAACCGCC
 CGCGGTGCGCTTCAACGGTCTCCCGAACGGCGGGCGGCGGCGGAGACTCGCTGCCGGGAGCCCGAAC
 CGCGGCCTGGGGCCGCCAGCCCTCCCGCGCCGCCCGCGGTCCGGCTGGGGAAGCGAGCGCTCGCCCC
 CCGTGCGCCGAGTGCAGTGGTGAAGCAGGAGGCGGGCGGCTGGGCATCAGCATCAAGGGCGGCCGAGA
 GAACCGGATGCCATCCTCATCTCAAGATCTCCAGGGCTGGCGGCCAGCAGAGCCGGGCGTGC GG
 CTAGGCGACGCCATCCTGTGGTGAACGGCACCGACTGCGCCAGGCCACCCAGCAGCCGCTGCAGG
 CGCTGAAGCGCGGGCAAGGAGGTGCTGCTGGAGGTCAAGTTCATCCGAGAAGTAACACCATATATCAA
 GAAACCATCATTAGTATCAGATCTGCCGTGGGAAGGTGCCTCTCCCAAGTCCAGTCCAGTCCAGT
 GAAGACTCTGGCTCTCAAAGCATCAGAACACCACCAAGGACAGGAAGGTCATCCCTCTCAAATGTGCT
 TTGCTGTAGAAACCTAAGCATGCCGATCTGGAGAACAGATTGATAGAGCTACATTCTCCTGATAGCAG
 GAACACCTTGATCTTACGCTGCAAGGATACGGCCACAGCACACTCCTGGTTCGTAGCTATCCACACCAAC
 ATAATGGCTCTCCTCCACAGGTAAGGCTGAGCTCAATGCCATGCTTGGTGCAACCAAGTACAGCGGGAG
 GCAGCAAGGAAGTCAAGCATATTGCCTGGCTGGCAGAGCAGGCAAACTAGATGGTGAAGACAGCAGTG
 GAGGCTGTTCTCATGGCTGTGACTGAGAAGGATTTGCTACTTTATGACTGTATGCCGTGGACAAGAGAT
 GCCTGGGCATCGCCGTGCATAGCTACCCTCTTGTGCCACAAGGTTGGTTCATTAGGTTCTGGATGTC
 GGTGCGCTTCCCTTGGATCTGACCTTACCTTTGCTACCAGGACGGGCTCTCGGCAGGGCATTGAGATGCA
 TCTCTTACAGGTTGAAACGCATCGGGATTGTGCGACCTGGACCAGAATACTTGTCCAGGGCTGCCATGCT
 GCTGCTGAGCTGATCAAGGAAGTCTCCCTAGGCTGCACCTTAAGTGGCCAAGATGTAAGATTCACTGTCC
 ACTATGAGCACGGGTTACGATCACCAGAGACAATGGCGGCACCAGCAGCATATTGTACCCTATCCCTT
 TGAACGGCTGAAGATGTCTGCTGATGATGGAATCAGAAATCTCTACTTGGATTTTGGTGGTCTGAGGGA
 GAACTGACTATGGATCTGCATTCTGTCCAAAGCCGATTGTGTTGTATTGCACACATTCTATCTGCCA
 AAGTCACTCGCATGGACTGCTTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001168674
- Insert Size:** 1569 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_001168674.1](#), [NP_001162145.1](#)

RefSeq Size: 1698 bp

RefSeq ORF: 1569 bp

Locus ID: 689421

Cytogenetics: 19q12