

Product datasheet for **MC218239**

Sntb1 (NM_016667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sntb1 (NM_016667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sntb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218239 representing NM_016667
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGTAGCGGCAGCGGCTGTGGCTGCGCCGGCTGGCGGTGGAGGCGCCCGGGCGCAGCGGAGCGGAC
 TGCTGGAAGTTTTGGTGCGGGATCGCTGGCATAAAGTTCTGGTGAACCTGAGCGAGGACGCCCTGGTGTT
 GAGCTGCGAGGAGGGCGCTGCGGCGTACAAACGGCATAGGGGCTGCCACCAATGGTTCGTTCTGCAGGGC
 TCCGGGACCGGGCACCCGGTCCCGGTGTGCTCAAGCCCGGACTCTCCCGCGGGGTCCGCACCCGCT
 TCACCGACCTCCCGGAGCAGGTACCTGAGTCCATCTCAAACCAGAAGAGGGGCGTGAAGGTGCTGAAGCA
 GGAGCTGGGCGGGCTGGGCATTAGCATCAAAGGGGCAAGGAAAACAAGATGCCATACTCATCAGCAAG
 ATCTTCAAGGGGCTGGCAGCGGATCAGACCAAGCCCTGTATGTGGGCGATGCCATCTGTCGGTGAACG
 GAGCAGACCTGCGGGACCCACCCACGACGAGGCAGTGCAGGCATTGAAGCGCGCAGGCAAGGAAGTGT
 GCTGGAAGTGAAGTATATGAGAGAAGCCACACCTTACGTGAAGAAAGGGTCCCCGGTGTCTGAGATTGGA
 TGGGAAACACCTCCACCTGAGTCTCAAGATTAGGGGGTGGCTCTGCAGAGCCTCTGTATCCCAGTCTCT
 TCTCTTCCATAGAGACCGGAAAAGCATCCCCCTCAAGATGTGTTATGTCACCCGGAACATGACCTTGGC
 TGACCCTGAAAACAGGCAGCTAGAAATTCCTCGCCAGATGCTAAGCACACAGTGATTCTGAGAAGTAAG
 GACTCTGCCACTGCCAAGCCTGGTTCAGCGCCATTCAATCCAACGCTGGTGACTTGGTACCCGTTGGG
 TTGCTGACATCAGGGAGCAGCTGGGAAAACAGGCATTGCTGGCAGTCTGAGATCAGGCATCTTGGCTG
 GCTTGCAGAAAAGGTGCCCGGAGAGTGAAGAACAGTGGAAACCAGCCCTGGTTGTTCTGACTGAGAAA
 GATCTTTAATCTACGACAGCATGCCACGGAGGAAAGAGGCTGGTTCAGCCCGTGCATTCGTATCCAC
 TTCTTGTACCAGGCTGGTCCATTCAGGTCAGGGAAAGGATCACCCAGGCTGGGATGGATCTGTCTT
 TGCAACACGAACTGGCACCAAGCAAGGAATTGAAACACATCTCTTCAGGGCAGAGATCAGCAGGGACCTC
 TCCACTGGACAAGAAGCATAGTACAGGGGTGCCACAATTCAGCGGAGCTCACTGCCGAAATCACACAG
 CCTGCACCTACAGAAAACAGGAATGCCGCTTGACCATACATTATGACAATGGATTTTCTATTTCCACTGA
 GCCTCAGGATGGTGCCTTCCCAAGACAATCATACAGTCCCTTATGAGAAGCTCAAAATGTCTTCGGAT
 GATGGAATCAGGATGCTCTATTTAGACTTTGGAGGCAAAGAAGGAGAGATTCAACTGGACCTTCACTCT
 GCCCAAGCCGATCGTTTTCATCATCCACTCTTTCTGTCTGCTAAGATAACACGACTGGCTTGGTGGC
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_016667
- Insert Size:** 1614 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_016667.3](#), [NP_057876.1](#)

RefSeq Size: 2153 bp

RefSeq ORF: 1614 bp

Locus ID: 20649

UniProt ID: [Q99L88](#)

Cytogenetics: 15 22.14 cM

Gene Summary: Adapter protein that binds to and probably organizes the subcellular localization of a variety of membrane proteins. May link various receptors to the actin cytoskeleton and the dystrophin glycoprotein complex.[UniProtKB/Swiss-Prot Function]