

Product datasheet for **MC217440**

Sntb2 (NM_009229) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sntb2 (NM_009229) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sntb2
Synonyms:	Snt2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217440 representing NM_009229
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTGTGGACGCGGCCACCAAGCGGGGCTGGTGGAGCTGCTTCTAAGGGAGCGCTGGTGCGGG
 TGGTGGCCGAGCTCAGTGGCGAGAGCCTGAGCCTGACGGGCGACGCCCGCAGTCGAGCCTGAGCCGCC
 GGCGGCCGCTTCAACGGTCTTCCGAACGGCGGGCGGCGAGTCTCTGCCCGGGAGCCGAACCGTGGC
 CTGGGGCCGCCAGCCCTCCCGCGCCGCCCGCGGTCCCGCGGGGAAGCGAGCGCCTCGCCGCCGTGC
 GCCGAGTGCAGTGGTGAAGCAAGAGGGCGGGCGCCTGGGCATCAGCATCAAGGGCGGCCGAGAACCG
 GATGCCGATCCTCATCTCAAGATCTTCCCGGGGCTGGCGGCCGACCAGAGCCGGGCGCTGCGGCTGGGC
 GACGCCATCCTGTCGGTGAACGGCACCGACCTGCGCCAGGCCACCCAGCAGCCGCGTGCAGGCGCTGA
 AGCGCGCGGGCAAGGAGGTGCTGCTGGAGTCAAATTCATCCGAGAAGTAACACCATATATCAAGAAACC
 ATCTTTAGTATCAGATCTGCCATGGGAAGTGCCTCTCCCGAGTCTCAAGCTTTAGTGGCAGTGAAGAC
 TCTGGCTCTCAAAGCATCAGAACCACCAAGGACAGGAAGGTATCCCTCTCAAATGTGCTTTGCTG
 CTCGAAACCTGAGCATGCCAGATCTGGAGAACAGATTGATAGAGCTACATTCTCCTGATAGCAGGAACAC
 CTTGATCTTACGCTGCAAGGATACGGCCACAGCACACTCCTGGTTCGTAGCTATCCACACCAACATAATG
 GCTCTCTCCACAGGACTGGCTGAGCTCAATGCCATGCTTGGTGAACCAGTACAGCGGGAGGCAGCA
 AGGAAGTCAAGCATATTGCTGGCTGGCAGAGCAGGCAAAGCTGGATGGTGGACGACAGCAGTGGAGGCC
 TGTTCTCATGGCTGTGACTGAGAAGGACTTGCTACTTTATGACTGCATGCCTGGACAAGAGATGCCTGG
 GCATCACCGTGTATAGTACCCTCTTGTGCCACAAGTTGGTTCATTCAGTTCTGGATGTCGGTCCAC
 CCTCCCTTGGATCTGACCTGACCTTTGCTACCAGGACAGGCTCTCGGCAGGGCATTGAGATGCATCTTT
 CAGGGTTGAAACTCATCGGATTTGTCGACCTGGACCAGAATACTTGTTCAGGGCTGCCATGCTGCTGCT
 GAGCTGATCAAGGAAGTCTCCCTAGGCTGCACCTTAAGTGGCCAAGAGGTAAGGTTCACTGTCCACTATG
 AACACGGGTTCACTATCACCAGAGACAATGGAGGCGCCAGCAGCATATTGTACCGCTATCCCTTTGAACG
 GCTGAAGATGTCTGCTGATGATGGAATCAGAAATCTCTATTTGGATTTTGGTGGCCCTGAGGGAGAAGT
 ACTATGGACCTGCATTCTGTCCAAAGCCGATTGTATTTGTATTGCACACGTTCTATCCGCCAAAGTCA
 CTCGCATGGGACTGCTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_009229

Insert Size: 1563 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_009229.4](#), [NP_033255.1](#)

RefSeq Size: 4423 bp

RefSeq ORF: 1563 bp

Locus ID: 20650

UniProt ID: [Q61235](#)

Cytogenetics: 8 53.38 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. May play a role in the regulation of secretory granules via its interaction with PTPRN (By similarity).[UniProtKB/Swiss-Prot Function]