

Product datasheet for **MC218662**

Sntg2 (NM_172951) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sntg2 (NM_172951) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sntg2
Synonyms:	2210008K22Rik; 9530013L23; BB121248; G2syn; Syn5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218662 representing NM_172951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCCGAGGGATCGCAGTCCCTGGCCGCCCCCGGGCGTCTAGTCACCTACTGGTGCCCGCGC
 GGACAAAACAGCTCTGGCCTTGTGTATGACGAGGGTTGGAAAATGCCTATGACGTCCGCTGAAGCT
 GACAAAAGAGGTGCTGACTATTCAAAAGCAAGATGTCGTCTGCATCGGGGAGCTCCTCCTGGTCTAAT
 CACAGAACTGTTACACTTCGCAGACAACCTGTGGGTGGCCTGGCCTAAGTATCAAGGGAGGAGCAGAGC
 ATGGGGTCCCGTCGTATATCTAAAATATTCAAAGACCAAGCAGCTGACCAGACAGAGATGTTGTTTAT
 AGGAGATGCTGTACTACAGTTAATGGCATTAAATGTAGAAAACGCAACCCATGAAGAAGTGGTGCATCTT
 CTGAGAAAACGCTGGCGATGACGTACCATCACTGTTGAGTATCTCAGGGAAGCACCCCTATTCTGAAGC
 TGCCATTAGGGTCCCAGGGCCATCCAGTGACCATAGCAGCAGGGCCTCATCGCCTCTCTTTGACAGTGG
 CCTGCACCTGAATGGACTGCAGCCACACAGCTCCATCATCACCTTCTCACCCATAGCTAATGAACCA
 AAGTATGAGAAGCGTTGGCTAGACACCTTGTGAGTCCCTGTCTATGGCTCGGATCTCCAGATACAAAAG
 CTGGAACAGAAAAGCTCAGGTCCAGTGCATTGGAGGTGCTGGCCCTGGATGGAGCCAGCAGGAGTCTCT
 TCAATTCTCCACTGCCAGGACTGTGCTGACTGGTTGCGTTCAATCTCAACCAACATCAGTGACCTGACG
 CTTCAACATATGAAAATGGCAAATAAATGCTGTTCTCCCTGTGACCAGGTGGTGCACATGGGATGGGTAA
 ATGAGAGGCTCCAAGGAGCTGACAACCTCAGAACTTCAGACCCAAGTCTTGGCCCTGAGGGGTTTCATC
 ATTCTACATTTTTGGCGCTCCTCCGGTAAGCACACTGGACTGGGACGAGCAGAACGTGCCTATAACCTC
 TGTGAGGTGCTGTTTAAAGTTACAAGTCTGGCTTTTCCAGATAACTATTGGCTGCAGGCAACCTGTATC
 TTGGTCTCCAAGATTTTACTGTGAAGACCCAGGTCACTGCTTCAGCGTCTGGCCAACCATGGGAA
 GAGCCACATCTTCAGTGTAGAGCTGGGCAGTGAGCTGGCCGTGTGGGAGAAGGCATTCCAAGAGCAACT
 TTCATGGAAGTTCAGAGAACCGGTCCAAAACATATCTGTGACGCTGGCAAGGGGAGACGCTGTGCTTCA
 CGGTGGATTTTGCTCTGGGATTCACCTGCTTTGACGGTAAGACAAAGAACGTAAGTCTGGAGATTCAGTT
 CTCTCAGCTTAAGGGATCCTCAGATGATGGGAAGACTCGAGTAAAGCTGCTGTTTCAGAATCTGGACACC
 AAGCAGATTGAAACGAAGGAGCTGGAGTTCAGGATTTGACGGCGGTCTCCACTGCATCCACTCCTTCA
 TTGCCGCCAAGGTGGCCTCCCTGGACCCCGTGTTCATGGATAGCCAGAGTATGGCAAGAAGATACCTGTG
 CAGCAGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172951

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_172951.3](#), [NP_766539.2](#)

RefSeq Size: 2337 bp

RefSeq ORF: 1620 bp

Locus ID: 268534

UniProt ID: [Q925E0](#)

Cytogenetics: 12 A2

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