

## Product datasheet for **MC203217**

### **Smtnl2 (NM\_177776) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Smtnl2 (NM_177776) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Smtnl2
Synonyms:	D130058I21Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037993  
 CCACGCGTCCGGGAGCTGCGGATCTCTCAACGTCTCCCGCTTCTGCCCGCTGTCCGATCGGTGTGCCCC  
 ACTCGGCCATGGAGCCGTCCCCGACGCCGAGGAGGCGCACACAGTGCAGCGAGGCGCTGGGCCGCTACGA  
 GGCGGCGCTGGAGGGTGCAGTGCAGTGCAGGAGGACATGCAGGGGCTGCAGCGCGGCGTGGAGCGG  
 CGCGTGGCAGAGGCGCTGCGCTGGCCGGCCCCCTGGCTCGTACTGTGGCCGAGCTGCAGCGGGACAACC  
 AGCGGCTGCAGGCACAGCTCGAACGCTTGACGCGCCAGGTGGAGGCGCTGGCTGGCCACTGGAGTGTG  
 CCCTGCACCCGGCACGCCAGTCCCCCTCCGGCGGCCACAGTTACCGACCGCGCCCCCGCTTGGCCTC  
 GCAGCTTCTCCAGTCATGCCACCTTTTCGCTGTCCGGTGAAGCCGAGCGTGGAACATGATGAAGCCA  
 GTGACCTTGAGGTGAGACGTGCTCAAATTCATGCATCTTGAGAGAACGGACACCAGCTGGATGCAGGTCC  
 AGCCAACGGATCCTCTGAGGTCCAAACCTCGTCAGCCCAGGAGCCCCGAGGCCACGCCCTGTGAGCCTC  
 TCCTTGCGGATGCCCCACCAGCCGTCACAGCTGTACCCGAGTCTCCGAGAAATTCCTGGGGAGACCT  
 CAGCTTACAGTCTGTACCCACATCTGTGCCATTGTGGGGGGCTTACCCCAAGCCCTAGTGAGGCCAT  
 CAGCCCTTGGACTCCCAGTCCCAGTGGAAAAAGTTCCTCTTTCAGTCCGCTTTTGTCTGGCTCTGGGTAT  
 GGAGCAGTGACGGCTGGCAAACGCAAGGACAGCCCTCCACTGGTGACCCACACAGTACCCCCATCCT  
 CGCAGCCCCAGCTATGACTCAGGCCCTCGCCAGGGAGAGCGTGCAGGGAAGTGGTGAGTGCAGAGC  
 GCTGCCTCGGACTTACGGGGCACAGGCTCGAAAGGCGCTTTTGAAAGTGGGAGCAGGATACGGCGAGC  
 AAGGGCAAAGGTGAGACCAGGGCCAAACTAAAAAGGTCACAGAGTTTCGGTGTGGCCAGTGCCAGCAGCA  
 TCAAACAGATCCTGCTAGAGTGGTCCCGCAGCAAGACTGTGGGCTATCAGCACGTGGACCTGCAGAAATTT  
 CTCCTCCAGTGGAGTGACGGCATGGCCTTCTGTGCCCTGGTGCCTCTTCCCTGATGCCTTCGAC  
 TACAATGCCCTGAGTCCCACACAAGGCCAGAAGAACTCGAACTGGCCTTACCATTGGCTGAGAATCTGG  
 CCAACTGTGAGCGCTCATTGAAGTGGAGGATATGATGGTGTGGGCCGCAAGCCGACCCCATGTGTGT  
 CTTACCTATGTGAGTGCCTTACAACACCTTCGTGCTTTGAGTAAAGCCGGCGCCCGGAGTGGCC  
 AGGAAGAGACTCTGAGGTCCCTACGTTCCCCCATGGCAGCATGATCCACACGAGGGAAGCTGCCTCTC  
 TGGTGTGAGCTGCTATTGCTCTCTGGCGTGTGACCATGTGCCCTCACACTCGTTACTGATTAAGTA  
 TTGATGAGGCTAAGCTGAGCCCCACAGTCCCTCCACAGGCTGGAAGGAGAAGGAAAAACTCCAGAGTCAA  
 AAGAAATTTGGTGTAAAGTATGATCTTCTACAGGGAGCGCTCATGGTTTCCCTCTGGTGAATTTGATAT  
 ATTGGCTTGACAGGGTCCACTGATTATCAAGCTTTCTTTCTTTTCTATCAAAGTACCAGAGGTTG  
 TTTTTGTTTTTAACTTCTCACACTCTCTTT  
 TTTCTTTATAGCCCTGGCTGTCTGGAACCTCACTTTGTAGACCAGGCTGGCCTGAACTCAGAAATCC  
 GCCTGCTTCTGCCTCCCAAGTGTGGGATTAAGGCGTGCACCACCACCCCTCTGGGCCATTGCCAA  
 GAAACAGTCTCTAGTTCTTGGGAAGAACAGCTTAGTCAGCCCCAGGTCCTATCTTCTATCATCTTCT  
 TCTGTGGGAGGTTGGCAGGATTTCTACCTAGTCCCTGGACGGGCTTCTGGTACTCAGAGGAGACCCACAA  
 GTGTCCAGCTAAGGAATGGTTACCTGAGCAGTAACTGAGCAGGAGCAAGGATAGGTCCTTAGGGATGAGA  
 GAGTTCACATTTGCTCCAGGATTTATAGAAAAGGATTGCATCTGTACCATTGACCTGTTGTACACATG  
 TGACCTGTTTGTAAAGATGTGGTGGCACTTTCGCTTGGGTTTGTATTCTGTGTGGGAAATGGGAGGAG  
 GGTGGGCAATAAGAGACGGCATAGATTTAAACAGAGATCTACTGAAATCATACCTTTATTGTTTATGTA  
 TTTAAACCACTTGCTGGGAGGCTGAAAGCGCATTTGCTGTCTACCAATGTGCTTGTCCCTCAGCCAT  
 CTCTATGTTGTTGAAGGATTGTGAACAGAAAATTTACCCCTGCCATCTATCCCTAGATATTGGCAAA  
 TATATTATGATAAAAAGTGGCCAAAGTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_177776
- Insert Size:** 1371 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:** [BC037993](#), [AAH37993](#)

**RefSeq Size:** 2655 bp

**RefSeq ORF:** 1371 bp

**Locus ID:** 276829

**UniProt ID:** [Q8CI12](#)

**Cytogenetics:** 11 B4