

Product datasheet for **MC219018**

Msantd2 (NM_146222) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msantd2 (NM_146222) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Msantd2
Synonyms:	2810450G17Rik; 9530092B10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219018 representing NM_146222
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGCCCTGTGGCTCGGAGCTGCCGCCAACTCGCCGCTCAAATTCGAAGATGGAGTGTCTT
 CCCCGGGCTCTCCCGGCACCTGAGCGACGGGAACCCATCGCTGTCCGACCCTTCCACGCCTCGGGGAGC
 CTCCCCTCTCGGGCCCGCAGCGCGGGCTCGGGGGCCGCGCGTCCGGGGTCTCGGCTGGGGCTG
 GGGGGCCGCGGCTGCCTCGTCTCGTCTCCTTCTCGCCGCGCGGCAAGTGGCGGGCTGCGGCGG
 CCGCTGCCCGCCTGCCGGGTATGTCGTGGACGCCGAGAGACGAACGCGCTCATCGTGTATGGG
 CAACGAGCGGCTGGTGGAGGCGCGTACCAGCAGCTGGAGGGAGCCGCGACGGTATTTCGGCAGCAAGGCC
 CCTGGGCCGCCATGTACGAGCGGTGTCCCGGCCCTGGCCGAGCTGGGCTACGAGCGGACCCCGTCCC
 AGTGCCGGGAGCGCATCAAGACCCTTCGAGGTGTACAGTCGGGTGAAAGAACATGGTGTGGGAAAAG
 AAAGAGCAGTTACACATTTGAACAGTTGGAACAGGTGTTGGTCAAGGAGGATGGGATGCTCAGCCCTGC
 CAGCCTGTACTTATTAACAGTAGTGGCTTGTACCAGGAGCTGGAGTCAGATGGCAGCACTATGGAGGACT
 ATTCACAGGAGGACTGGGAAACCACAGTCAGGAGCTCCATGGCTATCCAACAGATCAGGAATTGGATGA
 AATGCCAGTTTCAAAGAGAACGTTAAAAATAAAACAAGAGTCTTCTGAAGAGGCACAGAAGCGAGATACC
 ATGCAGAAATTTGACAGATTTTGGAGTCGGTGCAGTTGAAATGGGAAGTGTTCAGAGTTGGACAGACT
 TCTCAAGGCTCCATCTTTCCAATAAATTGGCCATTTTGGAAATGGCTATAACACCCGCTGGAAAGAGGA
 TATTCGTTACCATTATGCTGAGATCAGCTCACAGGTGCCCTTGGCAAGCGTCTTCGCGAGATTTCAAC
 TCTGAGAAGCCTGAGGGACGGATCATTATGACCCGGGTGCAAAAAATGAAGTGGAAAAATGTTACTACA
 AGTTTTTAGAGATCACCATCAGTGAAGCGAGTGCCTAGAGCTGCACATGGAGATTGACTGGATACCCAT
 TGCCCACTCGAAGCCAACCGGGGCAATGTTGTTCAAGTATTTATTGCCAGGAGGCATTCCCTAAAAGCCCA
 GGCCTTTATGCCATTGGCTATGAAGAATGTATCGAGAGGCTCTCTCACCAGATGTGGAGCGCCATGCTC
 TGGACCCAGGAAAGAGGGCCGAGTCGACCTGGAGACCCTCTCAGCACAAAGCCTCATTACAGGTGGAAGT
 GGAACCCACCCGATCATCTACTGCTACCTCGGTATTGCTGAGGTGAGGACTCTGCAGCAGTGTCTGTTT
 TTACATTTCCAAGCAAATGCCAAAACCTTCAGTAAAGAGTGGGTTGGTATTAATGGGTTTTGTCTCAGA
 ACTGTATTGTGGATCCTGGAGTTTCCCCAAGTCCATCTACATCAAATTTGTAGAAGTAGAGAGGGATTT
 TCTTTCTGCCGGCTCATTAGTTGAGTGTCTGAAAAAGCCATTGGATACCCCTTAAAATTAACAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_146222

Insert Size: 1680 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_146222.2](#), [NP_666334.2](#)

RefSeq Size: 2307 bp

RefSeq ORF: 1680 bp

Locus ID: 235184

UniProt ID: [Q6NZR2](#)

Cytogenetics: 9 A4