

Product datasheet for **MC207772**

Msantd4 (NM_145609) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msantd4 (NM_145609) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Msantd4
Synonyms:	8430410K20Rik; Mysantd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207772 representing NM_145609 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGCAATTGAAAAGAAAAGGAAAAGCAATTTTGTGTTTCAGGAGACTCAGACCCCTTTTAAAGAAA
TTACCAAGAGGAAGGAAGTCATTTTCCAGCAGCTCAACACAACAATAAACGTGATGAAGCGAATGGC
CTGGGAGGAGATCGCACAGTGTGTGAATGCTGTCGGAGAAGGAGAGCAGAGGACAGGCACAGAGGTTAAG
AGACGTTACCTGGACTGGCGCGCACTCATGAAAAGGAAGAGGATGAAGGCCAACATGAAGCTCGTTGGTT
CTGGGTTTCCTCTGCCACGTCTGATCTAGATGACTCTCTCACTGAAGACATAGATGAAAAAATTGCCTT
CCGAAATGATGCAAATTTTGAAGTGGCAGAAATGTGGCAGATTTCCGGGATGCAGGTGGATCCTTAACAGAG
GTCAAAGTGGAAGAGGAAGAAAAGGGATCCTCAGAGCCCAGAAATTTGAGATTGAGGAGGAGGAAGAGATGC
TGTCATCTGTACATACCAGATTCCAGGAGGGAAAACGAGCTCCCTGACTTCCCTCACATTGATGAGTTTTT
CACCTCAATTCCACACCATCCAGACCCACCTATGATGAGCCCCATCTGCTCATGAACATAGAGAAACAG
AAGCTGGAGCTGGAAAACGCCGACTTGATATTGAGGCGGAAAGGCTGCAGGTGGAAAAGGAGCGGCTGC
AGATAGAGAAAGAGCGCCTGCGCCACCTGGACCTGGAGCACGAGCGCTTACAGCTGGAGAAGGAGAGGCT
GCAGATCGAGAGAGAAAAGTGGAGGCTGCAGCTGGTCAACCCAGAGAAACCGGCTCTAGAGAACGAGCTG
GGCCAGGGCGAGAAAGTCCATGCTGCAGCCACAGGACATCGAAGCAGAGAAGCTGAAACTTGAGCGCGAAC
GTCTACAGCTGGAAAAGATCGGCTGCAATTTTGAAGTTTGAATCAGAGAAGCTGCAGATAGAAAAGGA
GCGCTTGAGGTGGAGAAGGAGAGACTGCGGATTCAGAAAGAAGGCGATTGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_145609
Insert Size:	1038 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_145609.1</u> , <u>NP_663584.1</u>
RefSeq Size:	2762 bp
RefSeq ORF:	1038 bp
Locus ID:	78100
UniProt ID:	<u>Q91YU3</u>
Cytogenetics:	9 A1