

Product datasheet for **SC313770**

MSANTD2 (NM_024631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MSANTD2
Synonyms:	C11orf61
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC313770 representing NM_024631.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGCGCCCTGTGGCTCGGAGCTGCCCGCAACTCGCCGCTAAAAATCCGAAGATGGAGGTGCTT
TCCCCGGCTTCTCCTGGTGGCCTGAGCGACGGAATCCATCGCTGCCGACCTCCACGCTCGGGGT
GCCTCCCCGCTCGGGCCGGGCAGTGCGGCGGGCTCGGGGGCAGCGGCTCCGGGGGTCTCGGGCTGGGG
CTGGGGGGCGCAGCGCCGCTCTGCTCCTCGGTCTCTTCTCCCTGGTGGCGGGGTGGCGGGGTGCG
GCAGCCGCCCGCCGCTGCCGGGCGATGTCGTGGACGCCAGCGAGACGAACGCGCTCATCGCAGTG
TGGGGCAACGAGCGGTGGTGGAGGCGGGTACCAGCAGCTGGAGGGAGCCGGCAGGTGTTTCGGCAGC
AAGGCCCGGGCCAGCCATGTACGAGCGGTGTCGGGGCCCTGGCCGAGCTGGGCTACGAGCGGACC
CCGTCCAGTGCCGGGAGCGCATCAAGGAGCTGGAGTCAGATGGCAGCACTATGGAGGACTATTCACAG
GAGGACTGGGAAACACAGTCAGGATCTCCATGGCTATCCAACAGATCAGGAATTGGATGAAATACCT
GTCACAAAGAGAACATTAATAAACAAGAGTCTTCTGAAGAAGCACAGAAGAGAGACATCATGCAG
AATATTGTACAGATTTTGAATCGGTACAGTTGAAATGGGAATTTTTCAGAGCTGGACAGACTTTTCA
AGGCTCCATCTTTCTAATAAACTGGCCATTTTGAATTGGTTATAACACCCGTTGAAAGAGGATATC
CGTTACCATTATGCTGAGATCAGCTCCAGGTGCCCTTGGCAAGCGACTTCGGGAGTACTTCAACTCT
GAGAAGCCTGAAGGACGGATCATTATGACCCGAGTGCAGAAATGAACTGGAATAATGTTTACTACAAA
TTTTTAGAGATCACTATTAGCGAAGCTAGGTGCTTGGAGCTGCACATGGAATGAACTGGATACCCATT
GCCCCTCCAAACCACTGGTGGGAATGTTGTTCAATTTTATGCTGGGGGTATTCTAAAGCCCA
GGCCTTTATGCCATTGGCTATGAAGAATGATTGAGAGGCCCTCTCACCACATGGAGCAAGTTCC
CTGGACCCAGAAAAGAGGGCCGGTTGACCTGAAACCTTTCAGCACAAGCCTATTACAGGTGGAA
ATAGAACCACCCGAATTATCTATTGCTACCTCGGGATTGCTGAGGTCAGGACTCTACAGCAGTGTCTTA
TTTTTACATTTCAAGCGAATACAAAACCTTCAGCAAAGATTGGGTTGGTATTAACGGGTTTTGTCT
CAGAACTGTATTGTGGATCCCGAGGTTTCCCCAAATCCATCTACATCAAATTTGTAGAAGTAGAGAGG
GATTTTCTTCCGAGGCTCTTAGTTGAGTGCCTGAAAAAGCCATTGGATACCCCTTAAATTTAAC
AACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:

Sgfl-MluI

ACCN:

NM_024631

Insert Size:

1524 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).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_024631.3</u>
RefSeq Size:	2253 bp
RefSeq ORF:	1524 bp
Locus ID:	79684
UniProt ID:	<u>Q6PIR3</u>
Cytogenetics:	11q24.2
MW:	55.4 kDa