

## Product datasheet for **SC127767**

### MANSC1 (NM\_018050) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MANSC1 (NM_018050) Human Untagged Clone
Tag:	Tag Free
Symbol:	MANSC1
Synonyms:	9130403P13Rik; LOH12CR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127767 sequence for NM_018050 edited (data generated by NextGen Sequencing)

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ATGTTCTTCGGGGGAGAAGGGAGCTTGACTTACACTTTGGTAATAATTTGCTTCCTGACA
CTAAGGCTGTCTGCTAGTCAGAATTGCCTCAAAAAGAGTCTAGAAGATGTTGTCATTGAC
ATCCAGTCATCTCTTTCTAAGGGAATCAGAGGCAATGAGCCCGTATATACTTCAACTCAA
GAAGACTGCATTAATTCTTGCTGTTCAACAAAAACATATCAGGGGACAAAGCATGTAAC
TTGATGATCTTCGACACTCGAAAAACAGCTAGACAACCCAACTGCTACCTATTTTTCTGT
CCCAACGAGGAAGCCTGTCCATTGAAACCAGCAAAAGGACTTATGAGTTACAGGATAATT
ACAGATTTTCCATCTTTGACCAGAAATTTGCCAAGCCAAGAGTTACCCAGGAAGATTCT
CTCTTACATGGCCAATTTTCAACAGCAGTCACTCCCTAGCCCATCATCACAGATTAT
TCAAAGCCACCAGATATCTCATGGAGAGACACACTTTCTCAGAAGTTTGGATCCTCAGAT
CACCTGGAGAAACTATTTAAGATGGATGAAGCAAGTGCCAGCTCCTTGCTTATAAGGAA
AAAGGCCATTCTCAGAGTTCACAATTTTCTCTGATCAAGAAATAGCTCATCTGCTGCCT
GAAAATGTGAGTGCCTCCAGCTACGGTGGCAGTTGCTTCTCCACATACCACCTCGGCT
ACTCCAAGCCCGCCACCCTTCTACCCACCAATGCTTCAGTGACACCTTCTGGGACTTCC
CAGCCACAGCTGGCCACCACAGCTCCACCTGTAACCACTGTCACCTTCTCAGCCTCCCAG
ACCCTCATTTCTACAGTTTTTACACGGGCTGCGGCTACACTCCAAGCAATGGCTACAACA
GCAGTTTCTGACTACCACCTTTACAGGCACCTACGGACTCGAAAGGCAGCTTAGAAACCATA
CGTTTTACAGAAATCTCCAACCTAACTTTGAACACAGGGAATGTGTATAACCCCTACTGCA
CTTTCTATGTCAAATGTGGAGTCTTCCACTATGAATAAACTGCTTCTGGGAAGGTAGG
GAGGCCAGTCCAGGCAGTTCTCCAGGGCAGTGTCCAGAAAATCAGTACGGCCTTCCA
TTTGAAAATGGCTTCTTATCGGGTCCCTGCTCTTTGGTGTCTGCTTCTGGTGATAGGC
CTCGTCTCCTGGGTAGAATCCTCTCGGAATCACTCCGCAGGAAACGTTACTCAAGACTG
GATTATTTGATCAATGGGATCTATGTGGACATCTAA

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Clone variation with respect to NM\_018050.2  
544 t=>c;982 c=>t



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_018050 unedited</p> <pre> TTTGTAAACGACTCACTATAGGGCGGCCGCAATTTCGGCACGAGGCCTCGTGCCGGGAA CGTGCCCTTCCCCCGCGGCAAACCTTGCCGTGCTGCGACGGAAGCAGGAACCTTGCTAACC ACAAAACCCGCCAGGCCGGTGCGGGAGCTGCGGAGCATCCGCTGCGGTCTCGCCGAGAC CCCCGCGGGATTGCGCCGTCTTCCCAGGGCGGACAGAGCTGCTCCTCGCACCTGGAT GGCAGCAGGGGCGCCGGGTCTCTCGACGCCAGAGAGAAATCTCATCATCTGTGCAGCC TTCTTAAAGCAAACCTAAGACCAGAGGGAGGATTATCCTTGACCTTTGAAGACCAAACCTA AACTGAAATTTAAATGTTCTTTCGGGGGAGAAGGAGCTTGACTTACACTTTGGTAATAA TTTGCTTCTGACACTAAGGCTGTCTGCTAGTCAGAATTGCCTCAAAAAGAGTCTAGAAG ATGTTGTCATTGACATCCAGTCATCTTTCTAAGGGAATCAGAGGCAATGAGCCCGTAT ATACTTCAACTCAAGAAGACTGCATTAATTCTTGCTGTTCAACAAAAACATATCAGGGG ACAAAGCATGTAACCTTGATGATCTTCGACACTCGAAAAACAGCTAGACAACCCAAGTCT ACCTATTNTTCTGTCCCAACGAGGGAAGCCTGTCCANTTGAACCCAGCANAAGGACTTN ATGAGTTACAGGGATAATTACANGATTTTCCATTCTTTGACCAGANATTNTNNGCCAGCC AGNAGTTACCCAGNAAAGATNCTCTCTTACATGGNCAATTNTCACNNAGCAGTCACTTC CCCTAGCCCATCATCACCCAGATTATTTCAAAGCCCACCGNTATCTCATGGAGNAGACAC ACTC </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_018050 unedited</p> <pre> TGAACCGCGCCCGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTTTGTAGTAACAAAACA TTTATTCAAATATTTAATTGGAAGGAACACTACATCTGGAATAAGTTTTAAAGGAATCCATA TAAAAAGAAAAGCAAATCCATTAGAAATGATATAAACAGTTGATTTTATCTGGAACCAA GAATGTGAATGAATTGGAACCTAAATGTCCTAACCTGTTTCTTTGCATAAAAGCCAGTTG AATTTTGAATTTATATGGCAATTATACTTTATTACTTTACATAGAGCTTTGTTTTTAGC TAATATTTTAGAGACAGATTACCCAAAATTACCTAATTTGGTTCCCACTTCATTCCTTCT CAAAAACCAAACATAAAACAGAAGGGGGCCAGCTGTGGTGGCTCATGCCTGTAATCCCAA CACTTTGGGAGGCCGAGGAGGGTGGATCACTACGTCATGAGTTTGAGACCAGCCTTGACC AACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAATCACCCCATGTGTGGTGGGCCA TGCCTGTAATCCCAGAATCTTATGAGGTTGAGGCATGAGAATCTCTTGAATCCCACCAA ACTGAGGTTGTGGGTGAGCCCCAGATCGCGTTATTTGACCTCCACACTGGGCAACCATA TGCAGTACTCTTTCTCAAAAAAAAAAAAAAGAAAGCAAAAAGGGGGCATTTTCTCTGT TTTTCAAAAAACAACTCCCTGCTAAACACCAACAAGTAAACCCAAAACCTCCTTGATT TTTGGGCTTCTCGTCTCCTCTACTGTAAATATAAAAACCCCTTCTGCTTTTCTTATAT GCCCCATCATTGTCCCCATCGTCCCTCTACCACCCTCCCGCCTAACGTTTCATCTGCC GGTCCGATTACTCCAGACCTCTCCCCAGCAGATAA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018050
<b>Insert Size:</b>	2720 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_018050.2](#), [NP\\_060520.2](#)

**RefSeq Size:** 2297 bp

**RefSeq ORF:** 1296 bp

**Locus ID:** 54682

**UniProt ID:** [Q9H8J5](#)

**Cytogenetics:** 12p13.2

**Protein Families:** Transmembrane