

Product datasheet for **SC105495**

MANSC1 (BC032998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MANSC1 (BC032998) Human Untagged Clone
Tag:	Tag Free
Symbol:	MANSC1
Synonyms:	9130403P13Rik; FLJ10298; LOH12CR3; MANSC domain containing 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105495 sequence for BC032998 edited (data generated by NextGen Sequencing)

```

ATGTTCTTCGGGGGAGAAGGGAGCTTGACTTACACTTTGGTAATAATTTGCTTCCTGACA
CTAAGGCTGTCTGCTAGTCAGAATTGCCTCAAAAAGAGTCTAGAAGATGTTGTCATTGAC
ATCCAGTCATCTCTTTCTAAGGGAATCAGAGGCAATGAGCCNTATATACTTCAACTCAA
GAAGACTGCATTAATTCTTGCTGTTCAACAAAAACATATCAGGGGACAAAGCATGTAAC
TTGATGATCTTCGACACTCGAAAAACAGCTAGACAACCCAAGTCTACCTATTTTTCTGT
CCCAACGAGGAAGCCTGTCCATTGAAACCAGCAAAAGGACTTATGAGTTACAGGATAATT
ACAGATTTTCCATCTTTGACCAGAAATTTGCCAAGCCAAGAGTTACCCAGGAAGATTCT
CTCTTACATGGCCAATTTTCAACAGCAGTCACTCCCTAGCCCATCATCACAGATTAT
TCAAAGCCACCGATATCTCATGGAGAGACACACTTTCTCAGAAGTTGGATCCTCAGAT
CACCTGGAGAAACTATTTAAGATGGATGAAGCAAGTGCCAGCTCCTTGCTTATAAGGAA
AAAGGCCATTCTCAGAGTTCACAATTTTCTCTGATCAAGAAATAGCTCATCTGCTGCCT
GAAAATGTGAGTGCCTCCAGCTACGGTGGCAGTTGCTTCTCCACATACCACCTCGGCT
ACTCCAAGCCCGCCACCCTTCTACCCACCAATGCTTCAGTGACACCTTCTGGGACTTCC
CAGCCACAGCTGGCCACCACAGCTCCACCTGTAACCACTGTCCTTCTCAGCCTCCCAGC
ACCCTCATTTCTACAGTTTTTACACGGGCTGCGGCTACACTCCAAGCAATGGCTACAACA
GCAGTTTCTGACTACCACCTTTACAGGCACCTACGGACTCGAAAGGCAGCTTAGAAACCATA
CGTTTTACAGAAATCTCCAACTTAACTTTGAACACAGGGAATGTGTATAACCCCTACTGCA
CTTTCTATGTCAAATGTGGAGTCTTCCACTATGAATAAAAAGTCTCCTGGGAAGGTAGG
GAGGCCAGTCCAGGCAGTTCTCCAGGGCAGTGTCCAGAAAATCAGTACGGCCTTCCA
TTTGAAAATGGCTTCTTATCGGGTCCCTGCTNNTTGGTGTCTGCTGCTGCTGATAGGC
CTCGTCTCCTGGGTAGAATCCTCTCGGAATCACTCCGCAGGAAACGTTACTCAAGACTG
GATTATTTGATCAATGGGATCTATGTGGACATCTAG

```

Clone variation with respect to BC032998.2
163 a=>n;544 t=>c;982 c=>t;1173 t=>n;1174 t=>n



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC032998 unedited</p> <pre> NNNNGGGGGGNNNNNNANNCNNNNNNCCGTTACAGATTTGTATACGACTCACTATAGG CGGCCGCGNAATTCGCACCAGCGGGNACTGCGGNACATCCGCTGCGGTCTCGCCGAGAC CCCCGCGCGGATTCGCCGGTCTTCCCGCGGGCGGACAGAGCTGCTCCGACCTGGAT GGCAGCAGGGGCGCCGGGTCTCTCGACGCCAGAGAGAAATCTCATCATCTGTGCAGCC TTCTTAAAGCAAATAAGACCAGAGGGAGGATTATCCTTGACCTTGAAGACCAAACTA AACTGAAATTTAAAATGTTCTTCGGGGGAGAAGGGAGCTTGACTTACACTTTGGTAATAA TTTGCTTCTGACACTAAGGCTGTCTGCTAGTCAGAATTGCCTCAAAAAGAGTCTAGAAG ATGTTGTCATTGACATCCAGTCATCTTTCTAAGGAATCAGAGGAATGAGCCCGTAT ATACTTCAACTCAAGAAGACTGCATTAATTCTTGCTGTTCAACAAAAACATATCAGGGG ACAAAGCATGTAACCTTGATGATCTTCGACACTCGAAAAACAGCTAGACAACCCAAGTCT ACCTATTTTTCTGCCAACGAGGAAGCCTGTCCATTGAAACCAGCAAAAGGACTTATGA GTTACAGGATAATTACAGATTTTCCATCTTTGACCAGAAATTTGCCAAGCCAAGAGTTAC CCCAGGAAGATTCTCTTACATGGCAATTTTACAAGCAGTCACTCCCCTAGCCCATC ATCACACAGATTATCANAGCCCACCGATATCTCATGGAGAGACACTNTCTCAGAGNN TTGGATCCTCAGATCACTTGGNAGAAGTATTTAGAAGGATGAAGGCAGTGCAGCTCCT TTGCTATANGGAAAAAGNNCATNTCTCAGAGTCAAAAATTTCTCTGTATCAAGAAATA GCTCANCTGCTGCCTGAANAATGTGAGGGCGCTCCCAGC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for BC032998 unedited</p> <pre> ANCGAGATTTTCTTTTTTTTTCTTTTATTCAAATATTTAATTGGGAAGGAACTACTCTG GGAATAAGTTTTAAAGGAATCCATATAATAAGGAAAAGCAAATCCATTAGGAAATGATA TAAACAGTTGATTTTATCTGGAACCAAGAAATGTGAATGAATTGGAACCTAGATGCCTAA CCTGTTTCTTTGCATAAAAGCCAGTTGAATTTTGAATTTATATGGCAATTATACTTTAT TACTTTACATAGAGCTTTGTTTTAGCTAATATTTTAGAGACAGATTACCCAAAATTACC TAATTTGGTTCCCACTTCATTCTTCTCAAAAACCAAACATAAAACAGAAGGGGGCCAGC TGTGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGAGGGTGGATCACTAG GTCAGGAGTTTGAGACCAGCCTGACCAACATGGTGAACCCCGTCTCTACTAAAAATACA AAAATCACCCAGGTGTGGTGGCAGATGCCTGTAATCCCAGATACTTAGGAGGCTGAGGCA GGAGAATCGCTTGAACCCAGGAGACGGAGGTTGCGGTGAGAGCCGAGATCGTGTACTGC ACTCCAGCCTGGGCAACAGAGCAAGACTCTGTCTCAAAAAAAAAAAGGAAAGCAGAAGG GGGCATTTTCTGTCTTCAAAATACAACCCTCTAAGACTAGCAAGTCAGCAGAAACTCAT TGCATTTGGGCTTCTGGTACTAAATGAATTAAGAGACCCGAGTCCCATCCTTAGATGT CCACATAGATCCCATTGATCAAATTATCCAGTCTTG </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC032998
Insert Size:	2250 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: [BC032998.2](#), [AAH32998.1](#)

RefSeq Size: 2333 bp

RefSeq ORF: 1296 bp

Locus ID: 54682

Cytogenetics: 12p13.2

Protein Families: Transmembrane