

Product datasheet for **SC113983**

TMEM164 (NM_017698) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM164 (NM_017698) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM164
Synonyms:	bB360B22.3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017698, the custom clone sequence may differ by one or more nucleotides

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ATGCACATGTTGAATGGAGCTCTTCTGGCATTGCTGTTTCCTGTGGTAAACACTCGGCTGCTCCCCTTTG
AATTGGAGATTTACTACATTCAGCATGTTATGCTCTACGTGGTACCCATCTACCTGCTTTGGAAAGGAGG
TGCTTACACTCCAGAGCCCCTCAGCAGTTTCCGGTGGGCTCTTCTCTCAACTGGCCTCATGTTCTTTTAT
CACTTCAGCGTCTTGCGATCCTCGGCCTGGTCACCGAAGTGAATTTGAACAACATGCTGTGTCCGGCCA
TCTCAGACCCATTCTACGGCCCCTGGTATCGCATCTGGGCCTCGGGACACCAGACTCTCATGACCATGAC
CCACGGGAAGCTGGTCATCCTGTTCTCATACATGGCTGGGCCCTGTGTAATATCTGCTGGATTGCTC
CGGCTTCAGCCAAGAAAATAGACTGA
  
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017698 unedited
 TCACATTTTGTAAACGACTCACTTATAGGGCGGCCGCGAATTCGCACGAGGCTCAGAAA
 CATGTAGGTCAAAGAATAGAGGGGGCCAGTCTATAGGCTTCACAAGGAGCCATGGCCT
 GTATTTGGGGCATTGGGGAGCATAAGGCATCTGAACTGGTCCAGATCTCACTCTTATCTT
 GGGCCAAGCCAACGTGGAGAGAAGCAACCAACCAGACTCTTGGCAGCCTGCCTTACAGG
 GTAGCCCACTTATAGGGTAGCCCTCATATCTGCCCTATGCCGGCCCTCTACTGCCCCAG
 CTTTGGTACAGGAGTGAGGGAGAAGCTGGAGCTTGACACCCAGTGGCCAGTGGGGCTGT
 CTTCCCAGCTCCTCCTCAGGGCTTTCTGTCAAGTGCAGCAAGCCAGTTCCCAGCCAGGTTT
 CCGTGTGCCATTTGCCAGCGTGTGGGAGCTCTGCGCGTGTGTGAGGGTGTGTGAGAAGA
 GGGCAGTTTCTTTCAAATGGCCTTAGGAAGGGAAGAGTACTCCCTCCAGCCCTAGG
 TAGCCTTGGCCAGGGATGTGGGCAAGAAGTCTGTGGAGCTGGCCAACTTGTGGCATC
 CACTCAAATAGCAGAGACCCAGTACGCCTGCTTCTGGTCTCCCTGCCCTCAGTATTT
 GGTTTTGTACACCANAGATGATCTGGCCATCTTCTCCAGAGGCACACAGTAACATG
 TTCCTCTGTGAGCCTGTGAAGGCATGCANGNTCTGAAGCCACAGACTCAGTCTCCCAA
 GTCAGCAATCTCTTCTCTCTCTCTCAAATTCATCGCATTATAGAAGCTGCTTGC
 AGGGTCGCGGGGTAACAGGGTATCGGGGAACTTTACCGTACAGTACCTCAGTCTAGC
 TGTGAGATCACCCCTTTGCTGTAGCCTCTGTCTGAGGTTTTATATCTGTGATCATTGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017698 unedited
 GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTGAAATGACTTTTGTGTTT
 TTTTATTTTTTATGGGCTTTGCTGTTTCTTGCCATGAGTAGCAAACAGTGTACAAAA
 ATGTCACAGACGAGAGCAACAAGCGACTAGGTTTTCTGAGCCCAATCAGCTCACTCTA
 TATACAAAAAGGAGGGTGCCTCCCTGTCACTGACTCTACCCGCCACAAAGCGGGCAGG
 ATGGGCAGTGGGGGAGCTCCTTCCCAGCTGGGGCCTTGCCAAGGAGCCACAAGGGCC
 TGCAGGAGACCTCCATAATCAGCGTCAGTGTCTTGTCTAACAGCATCACACATGGTCT
 TTTTCTCTCTCCCTACCTCCCTTCACTAGAAACAGTAAGAAAAATCCTCTTCAAGGAG
 GGGACAGAGGACTCTGGGTCAACATCTACAAATCCAAGGAAGTCTTTTGGCAGAGGGAA
 AAATGGCCCTTCTGCCACTCCCTGAGCCACCTAGCTTACCCCCAGGGCACTGCCCTGCC
 CAATACAGTGCACAGAGACCTGCTGACAACTTGTCTCTGTGGGGAGCTGTGCCCACTT
 CATAGGACACTGAATTACCAATGATCACAAATATAAAAACTCAACAGAGGCTACAGCAA
 AAGGGTGATCTGACAGTAGACTGAGGTACTGTACGGTAAAGTCGCCGATCACCTGG
 NTAGCCCGGCGACCCCTGCAGCAGCTTCTATGAATGCGATGAAGTTTGAGGAGAGAGA
 GAAAGAGATGCTGACTTGGGAGACTGAGTCTGTGGCNCAGAACCTGCATGCCTTACAGGC
 TGCAGAGAACATGTTACTGTGTGCTCTGGNAGAAGATGGCANNATCATCTTGTGACAAAC
 CATACTGAGGCAGGNAGACAAANCAGCGGACTGGTCTTGCTATTGATGATGCCAGTGNCA
 CTCCAGACGTC

Restriction Sites:

NotI-NotI

ACCN:

NM_017698

Insert Size:

1540 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:	<u>NM_017698.1, NP_060168.1</u>
RefSeq Size:	4993 bp
RefSeq ORF:	462 bp
Locus ID:	84187
UniProt ID:	<u>Q5U3C3</u>
Cytogenetics:	Xq23
Protein Families:	Transmembrane