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# Product datasheet for SC113608

## TMEM184C (NM_018241) Human Untagged Clone

### Product data:

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|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | TMEM184C (NM_018241) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | TMEM184C |
| **Synonyms:** | TMEM34 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pCMV6-XL5 |
| **E. coli Selection:** | Ampicillin (100 ug/mL) |

**Fully Sequenced ORF:**

>OriGene ORF within SC113608 sequence for NM_018241 edited (data generated by NextGen Sequencing)

ATGCCTTGCACTTGTACCTGGAGGAACTGGAGACAGTGGATTCGACCTTTAGTAGCGGTC
ATCTACCTGGTGTCAATAGTGGTTGCGGTTCCCCTATGCGTGTGGGAATTACAGAAACTG
GAGGTTGGAATACACACCAAGGCTTGGTTTATTGCTGGAATCTTTTTGCTGTTGACTATT
CCTATATCACTGTGGGTGATATTGCAACACTTAGTGCATTATACACAACCTGAACTACAA
AAACCAATAATAAGGATTCTTTGGATGGTACCTATTTACAGTTTAGATAGTTGGATAGCT
TTGAAATATCCCGGAATTGCAATATATGTGGATACCTGCAGAGAATGCTATGAAGCTTAT
GTAATTTACAACTTTATGGGATTCCTTACCAATTATCTAACTAACCGGTATCCAAATCTG
GTATTAATCCTTGAAGCCAAAGATCAACAGAAACATTTCCCTCCTTTATGTTGCTGTCCA
CCATGGGCTATGGGAGAAGTATTGCTGTTTAGGTGCAAACTAGGTGTATTACAGTACACA
GTTGTCAGACCTTTCACCACCATCGTTGCTTTAATCTGTGAGCTGCTTGGTATATATGAC
GAAGGGAACTTTAGCTTTTCAAATGCTTGGACTTATTTGGTTATAATAAACAACATGTCA
CAGTTGTTTGCCATGTATTGTCTCCTGCTCTTTTATAAAGTACTAAAAGAAGAACTGAGC
CCAATCCAACCTGTTGGCAAATTTCTTTGTGTAAAGCTGGTGGTTTTTGTTTCTTTTTGG
CAAGCAGTAGTTATTGCTTTGTTGGTAAAAGTTGGCGTTATTTCTGAAAAGCATACGTGG
GAATGGCAAACTGTAGAAGCTGTGGCCACCGGACTCCAGGATTTTATTATCTGTATTGAG
ATGTTCCTCGCTGCCATTGCTCATCATTACACATTCTCATATAAACCATATGTCCAAGAA
GCAGAAGAGGGCTCATGCTTTGATTCCTTTCTTGCCATGTGGGATGTCTCAGATATTAGA
GATGATATTTCTGAACAAGTAAGGCATGTTGGACGGACAGTCAGGGGACATCCCAGGAAA
AAATTGTTTCCCGAGGATCAAGATCAAAATGAACATACAAGTTTATTATCATCATCATCA
CAAGATGCAATTTCCATTGCTTCTTCTATGCCACCTTCACCCATGGGTCACTACCAAGGG
TTTGGACACACTGTGACTCCCCAGACTACACCTACCACAGCTAAGATATCTGATGAAATC
CTTAGTGATACTATAGGAGAGAAAAAAGAACCTTCAGATAAATCCGTGGATTCCTGA

Clone variation with respect to NM_018241.2

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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM_018241 unedited
GGTGGGTGGGCCCCCCCTTTTCCCCCCCCCCGGGTTCAGNATTTGTNATACAACTCACTA
TAGGCGGCCGCGNAATTCGCACGAGGGCGAAGAATGAGGAGATCCTGGGGCCTTACCTAC
TAGCGGAATCGACTGAAGAGACGCCTGCCAGTGCGGGAGGTAGGAAGCTCGATCCCCAAA
GAAAAGAGCGAGTGGGCAGGCAGCTGCGAGACAGAACCGGAGTGTGCAGGGTCCCTAGAG
GCCGGTTCCTGGTCTGTGCTGCTCTCCTGGAAGCCATGGTACAGGCAGAGCTCAGGGCGA
TCCCCAGGTGAGGGCAGCGGCTCTGCCTGGGATTCCACCGCAGTACAACCGGGTAGATGC
GGGGTGGAGAAGAAAGGATGTTGCCTGCACTGCTCGCCAATAGCACCCTGAGAGGCTACA
TTTGCAGAAGCAGCAGCAGCAAAAGACACAGCGCTGGTCCAGGAGGCGGCTCGAGCTGTT
CGTAAAGTCGCCCGACAGCTTTTTCTCCGTAGTATGCGAGTTGACAAAACAGCCAGAGAA
CAGGGCTCCCCATTACAATCTTTTCGAGATCTTTTCCCTTGCTAACCGGATCTGATTTGT
GCGAAAACATGCCTTGCACTTGTACCTGGAGGAACTGGAGACAGTGGATTCGACCTTTAG
TAGCGGTCATCTACCTGGTGTCAATAGTGGTTGCGGGTTCCCTATGCGTGTGGGAAATAC
AGAAACTGGAGGTTGGAATACACACCCAGGCTTGGTTTATTGCCTGGATCTTTTTGCTGT
TGACTATTCCTATATCACTGTGGGGTGATATTGCCACACCTTAGTGCATTTACACCACCC
TGACCTCCAAAAACCAATATAAGGGATCCTTGGGATGGACCCTAATTACAGTTTAAATGG
TGGGATACCTTTGAAATTTCCCCGAATTGCAATATTTGTGGATACCTTGCAAAGAATGCC
TTGAAACCTTTGTTATTTTCCAACTCTTTGGGGATCCCTTACCAATTTTCTAACTAA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM_018241 unedited
CGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTGCAGAAAAAAATGATAAATTC
TTATTTATTGAAAGACATTCAGTTGAGGAATAGGGATATAACTGTTTGTTAGGTAAGCTT
ATATGGCACATGATTAAGTTCCACTAATTCGTATTTCTGCATTATGCTTTCTGATAATTC
CGGAGCATTATACTCATGCAGCAGTGGTAGGAAGTACTGATGTTTTTTTAAAAAATGTCC
ATTCTTGGCCAGGCGCAGTGGCTCACGCCTGTAATTCCAGCACTTTGGGAGGCCGAGGTC
GGCGGATCACGAGGTCAGATCAAGACCATCCTGGCTAACATGGTGAGACCCTGTCTCTAC
TGAAAAAAAAAAAAATTAGCTGGGCATGGTGGCAGGTGCCTGTAGTCCCAGCTACTTGGG
AGGCTGAGGCAGGAGAATGGCATGAACTTGGGAGGCAGAGCTTGCAGTGACCCGAGATTG
CGCCACTGCACTCCAGCCTGGGTGACAGAGCAAGACTCTGTCTGTCTCAAAAAAAAAAAG
TCCATCCTCTTGATAAAGCAGTGTAACATCAGGAAGATTTAGTTGGGGTCATTGTCTACC
ATTTGAGTATGCGATACCCTAATGTTAAGAAATCAAGTCTAAGTCTAGGAAATTTAGACC
AATTATTTTTGATATACAAAACTTACATATATAAATGCAGTAGTTGTACCTGGCTTTCAG
CTATTTTTGTGTTGACATTTTCCATCATTTATGGTCTGTCCCAAGCACAAATCCATGGGA
TACCANGTAATGATATAATGTAGTAGTTGCACAGTTTGCTTTTCATACTGTTCAGGATCC
ACGGATTATCTGAAGTTCTTTTTCTCTTCTATAGATCACTAGGATTCATCANATATCTAA
CTGTGGTAGGGTANCTGGGGAGTACAGGGTGTCCAACCTTGTAATGACCATGGTGAAGGG
CATAAANAA

**Restriction Sites:** NotI-NotI

**ACCN:** NM_018241

**Insert Size:** 2880 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.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_018241.1, NP_060711.1 |
| **RefSeq Size:** | 2913 bp |
| **RefSeq ORF:** | 1317 bp |
| **Locus ID:** | 55751 |
| **UniProt ID:** | Q9NVA4 |
| **Cytogenetics:** | 4q31.23 |
| **Domains:** | DUF300 |
| **Protein Families:** | Transmembrane |
| **Gene Summary:** | Possible tumor suppressor which may play a role in cell growth.[UniProtKB/Swiss-Prot Function] |