

Product datasheet for **SC111326**

TMEM19 (NM_018279) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM19 (NM_018279) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018279, the custom clone sequence may differ by one or more nucleotides

ATGACAGATCTTAACGACAATATATGCAAAAGATATATAAAGATGATAACTAATATAGTTATACTGAGCC
 TGATCATTTGCATTTTCGTTAGCTTTCTGGATTATATCAATGACTGCAAGCACCTATTATGGTAACTTACG
 ACCTATTTCTCCGTGGCGTTGGCTGTTTTCTGTTGTTGTTCTGTTCTGATCGTCTCTAATGGCCTTAAA
 AAGAAAAGTCTAGATCACAGTGGGGCTCTAGGAGGGCTAGTCGTTGGATTATCCTAACCATTGCAAATT
 TCAGCTTTTTTACCTCTTTGCTGATGTTTTCTGTCTTCTTCGAACTCACTAAATGGAAGGGAGAAGT
 GAAGAAGCGTCTAGATTCAGAATATAAGGAAGGTGGGCAAAGGAATTGGGTTCAAGTGTCTGTAATGGA
 GCTGTACCCACAGAAGTGGCCCTGCTGTACATGATAGAAAATGGCCCCGGGGAAATCCCAGTCGATTTTT
 CCAAGCAGTACTCCGCTTCCTGGATGTGTTTGTCTCTCTTGGCTGCACTGGCCTGCTCTGCTGGAGACAC
 ATGGGCTTCAGAAGTTGGCCAGTTCTGAGTAAAAGTTCTCCAAGACTGATAACAACCTGGGAGAAAAGT
 CCAGTTGGTACCAATGGAGGAGTTACAGTGGTGGGCTTGTCTCCAGTCTCCTTGGTGGTACCTTTGTGG
 GCATTGCATACTTCCTCACACAGCTGATTTTTGTGAATGATTTAGACATTTCTGCCCCGAGTGGCCAAT
 TATTGCATTTGGTGGTTTAGCTGGATTACTAGGATCAATTGTGGACTCATACTTAGGGGTACAATGCAG
 TATACTGGGTTGGATGAAAGCACTGGCATGGTGGTCAACAGCCCAACAAATAAGGCAAGGCACATAGCAG
 GGAAACCCATTCTTGATAACAACGCACTGAATCTGTTTTCTTCTGTTCTTATTGCCCTCTTGCTCCCAAC
 TGCTGCTTGGGGTTTTTGCCCCAGGGGTGA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018279 unedited
 NNCCCCCCCCCCCCCCCCCCCCCGTTTCATATTTGTATACGACTCACTATAGGC
 GGCCGCGNAATTCGCACCAAGCTCTCCGCCAGTAGGAGTTTCCGGAAGGAGTTTGAAT
 TTTTGTGATTTTATGCTTGTGGTGGTGGGAATATGTTGGGATTTATGTTTGCCTCTG
 AACAAAGTGTCTTGCTCACATCGTAAATGACTTTCTCTCGAAACGCTAAATATCTTTCC
 CGCAGGAGCTCATATCCTTATTTTCCATGACAGATCTTAACGACAATATATGCAAAAGAT
 ATATAAAGATGATAACTAATATAGTTATACTGAGCCTGATCATTTGCATTTGCTTAGCTT
 TCTGGATTATATCAATGACTGCAAGCACCTATTATGGTAACTTACGACCTATTTCTCCGT
 GGCCTTGGCTGTTTTCTGTTGTTTCTGTTCTGATCGTCTCTAATGGCCTTAAAAAGA
 AAAGTCTAGATCACAGTGGGGCTCTAGGAGGGCTAGTCGTTGGATTTATCCTAACCATTG
 CAAATTTAGCTTTTTTACCTCTTTGCTGATGTTTTCTTGTCTTCTCGAACTCACTA
 AATGGAAGGGAGAAGTGAAGAAGCGTCTAGATTCAGAATATAAGGAAGGTGGCAAAGGA
 ATTGNGTTCAGGTGTTCTGTAATGGAGCTGTACCCACAGAACTGGCCCTGCTGTACATGA
 TAGAAAATGGCCCGGNAATCCAGTCGATTTTCCAGCAGTACTCCGCTTCTGGA
 TGTGTTTGTCTCTTGGCTGCACTGGCCTGCTGCTGGAGCACATGGGCTTCAGAAGT
 TGNCCAGTTCTGAGTAAAGTTCTCAAGACTGGATACCCCTGGAGAAAGATCCAGTT
 GGTACCAATGGNNAGATTACAGTGGTGGCCTGNCTTACGTCTCCTTGGTGGTACCTTT
 GTGGCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018279 unedited
 GGGGCCNCCACCAATCTTATCCNNNGNNTTCTGTGNC CGCGCCG CATACTANGATC
 GGNTTTTTTTTTTTTTTTTTTTTAAACATTTAAAAAATTTTAGTAAAATACTCTGTACC
 CTGTCAAACTCCTTTGGCACACAGTAAATCATAGTGAAGAACAACATAGCAGAATTGC
 CTTAGTTGAGGCTACAGTGAAGAGAGAATACACTTAGAAGGTAATAATAGAAAAATCA
 TAGCATTTTCCAGCAATTGATATGACAGTAAATTTATAAAGAAATACAATAATTTCCAG
 TGA CTCTAACTGTT CAGGATGCCAGTGCTAAACCAGGTTGCCATACATAATTCAAAGAA
 AGCTAGAAAACACATTCCACATATTAAATTGAAGATAATTTTTGTT CAGAGAGCAACTGA
 AACATATAGTAAGTTATATTTTTTATAGATATAAGATAAAATCTTTTGCTTTTAGTTAA
 AATGATTTTTTTCATACATTCTAATGGACATATGAAAAAGATTTACTTTTTTTCATCA
 CTAACCCTGAGGAAGGAAGAACAATGTGGAGTAGGCCACAACTCACTAGGAACCAAT
 CTTACACTTTTCCCAATTGTGAATAGCAATTAATGGGAGAGTTAGGATCCTACACTTG
 TTTAAGCTCCCATACACATTAGCTTTAACCTATTTAAATAGAAACCACATTTGGGCCAC
 TAACACAGGGCCATTTTTTTGGCTCAACTGAGAACTATTTTAAATATCAATCACTTTTAT
 TCCCTAAACCGGGTTTAAACCAACCAACCAANTTTGGACAAAATTTGCCTTTGAATTT
 TGAAAGA ACTTTTCGCTTCAATTTNAGAAATATGTGAGGGACAATTAAGCTTCATTGGT
 TAAATCTCCTTTTCCGGGAAAAAGGCCAAATTTTGAATTTTTTTTTTCCCTTAA
 AAGACCTTGCTTTT CAGCGGGGATGTGAAAGGAAATGGGAAACCCCTCAAGGGAAC
 ACGGG

Restriction Sites:

NotI-NotI

ACCN:

NM_018279

Insert Size:

2380 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_018279.2, NP_060749.2</u>
RefSeq Size:	4659 bp
RefSeq ORF:	4659 bp
Locus ID:	55266
UniProt ID:	<u>Q96HH6</u>
Cytogenetics:	12q21.1
Domains:	DUF92
Protein Families:	Transmembrane