

Product datasheet for **SC323867**

TMEM71 (NM_144649) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM71 (NM_144649) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM71
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_144649.1
 CAGACAAGAGAACAAGAGGCTGCCGAAAGACAAAACCTTCTCTGCAAGCACCTGTGCACAGC
 AATGTGCGTGGGCATCTGTGAGAAGAAGAGAATCTGTGAAGTTTGAGCAAGCGGCCTTCC
 CAAGATGTACCGAATATCTCAACTGATGTCAACACCAGTAGCAAGTTCTTCCAGTTGGA
 AAGAGAATATGCTGGAGAGCTGTCTCCACGTGCATTTTCCCAAGTTTACCTGTGATTC
 CCTGGATGGTTACCATTCTTTGAATGCGGCTCCATAGATCCCCTGACAGGCTCCCACTA
 TACCTGTGCGCAAGTCCCAGACTCCTCACCAATGGCTACTATATTTGGACTGAAGACAG
 CTTCTGTGCGACAAGATGGCAACATAACTCTGAACCCATCCCAGACCAGCGTTATGTA
 TAAGGAGAACTTAGTTAGTACCTCCAAATCTTGGCTGCATGGAAGTATCTTTGGTGACAT
 CAACTCTTCTCCAAGTGAAGACAACCTGGTTGAAGGGGACCAGGAGTTGGACACAGACCA
 TTGCAATGAAAATGCAGATGATTTAGACTGTTCTTCTCTGACTGATGACTGGGAGTCAGG
 GAAGATGAATGCAGAGTCTGTGATCACCTCCTTCCAGCCACATCATATCTCAGCCTCC
 TGGAGGAACTCCCATAGCTTGTCTTTCAGTCCCAGTTGACAGCTTCTGAACGTTTCCA
 AGAGAATAGTTCCGATCATTCAGAAACCAGTTGTTGCAAGAGGTTCTTTTCAGGCAAT
 CCTGCTTGTGTGCTTAATCATTTCTGCATGTGCAAGATGGTTTATGGGAGAAATATT
 AGCCAGTGTCTTACATGCTCATTGATGATAACTGTAGCTTATGTGAAATCATTGTTTCT
 CAGCCTTGCCAGCTATTTCAAAACCACTGCCTGTGCTCGGTTTGTCAAAATTTGACAACC
 ATTTAGGAATGCCTTCGATGAATGTCTCCATCTGAATATCTGGAAATTTGCAACTTGC
 AGTCTACTTGGAAATCAAGTGTTTTATTGGAAGGGAGTAAGCGAGTAATGGAGAAAAAGCC
 ATTTTAGTTTGACTATGTGATTTTAAAATGATCTCAGTTTTTCCATCAAAATTATAATAT
 GCTCATGAAAATAATATTAATTTGCCTTCCCTTTCGAAACACCGGCAGTTGAAAGGAAAA
 GGACGGGAATGTGATGGAAGAGACCGCCTGGAATAAATGTCCCCTATGATTCTTTA
 AGGCAGTGGTTCTCGAGCTTGAATTTTTCATTAGGAAATCTGTGAGGAGCTTGTAAACCAG
 ATTTCTGGGTCTGCCACATGCACCTATCTTGTGCTGAATTGCTTTAATAGAATAATGAGA
 GCAAGTTTGTCTAACTAATACCAACCTGACAACCTGAATAACAATAAATGCAATTTGTAC
 ATAAAATAAATGCTGCAAAAGTTTGTCAATTCACCTCAGTGGAGTGACTTGATATTAGGT
 GGTAACCGTAGATGATGGTTAATATGAAAATGGACAGGAAAGAAGCATTCTTCTGAAAGTT
 ATATTCTTTTGAACCAGTTCTAAACCAAGTTTTTAATCTTCTTGGGGCTCGTAATTACC
 TTTCACTTAAATGCACTTAAAGATATAACACAGAAAAATGCCTTGAGGGCAAAATATAG
 GCAAAACACCAATGCGCTTCAAATGCATGAAAATGGTGCAGTTGTACCCTTGAGCCTTG
 ACTCAAGGGCTGTAGATGTTCCCTTCCACCCCCACACTGGTGCCTGTTCCACAAGCA
 AATATGGCTGTAAATCAAATTTGTTCTATGTGATACTCTCTGAGTAAAACTCATACAT
 GCAGAAAATTGCTTTGCTCGAAATGATAATGCCAAAATAAATTTATATAAATTTGC
 ATTTAGTACATTTTGGTTAAAAATAAATAAATAAAGTGAAGTCATCAGCAAAAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_144649

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_144649.1](#), [NP_653250.1](#)

RefSeq Size: 1993 bp

RefSeq ORF: 831 bp

Locus ID: 137835

UniProt ID: [Q6P5X7](#)

Cytogenetics: 8q24.22

Protein Families: Transmembrane