

## Product datasheet for **SC324664**

### **TMEM143 (NM\_018273) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TMEM143 (NM_018273) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM143
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\_018273.2  
 GGAGGCTCAATGACAGTCGAGCTTTGGCTAAGGCTCCGGGAAAGGGTCTAGCCATGCTG  
 CATGTGACCCGGGGGTCTGGGGTCCAGGTCAGGATGGCCACTGTTGCCCGCCTC  
 CTCGGGCCCCCGGGCCCTCTCATCGCTGGCAGCAAAATGGGGAGTATCGCAAGATG  
 TGAACCCAGGGAGCCCCGCGACTGGGCCAGCAGTACCGCGAGCGCTTCATCCCTTC  
 TCCAAGGAGCAGCTGCTCCGCTCCTAATACAGGAATTCCTCGAGTCCGGCAGAGAAG  
 GCGGCTTTGGAGCGTTCTCGGCCACGTGGACTTCTGCACCCTGTTCCACTACCACCAA  
 ATCCTGGCCCGGCTGCAGGCCTTATATGACCCCATCAACCCTGACAGGGAGACCCTCGAT  
 CAGCCATCACTAACGGATCCCCAGCGTCTGTCTAATGAGCAGGAGGTGCTTCGGGCTCTG  
 GAGCCCTGCTGGCCAGGCCAATTCTCCCGCTGTCTGAGGACACCCTGGCCTACGCG  
 CTGGTGGTCCACCACCCTCAGGATGAGGTCCAGGTGACAGTAAATTTGGATCAGTATGTC  
 TACATTACTTCTGGCCCTGGCCAGCAGTCCGGCAGATGCCCTGAAGTCCAGCGTG  
 GGCTCCAGGCGTGGCTTCTTACCAAGCTGCCCTGCGGAGAGGAGATACTTTAAGCGG  
 GTGGTCTGGCAGCCCGACCAAACGGGGACACCTGGTACTGAAGAGTTTCAAGGACACG  
 CCGCTGGAAGGCTGGAGCAGCTGCTGCCGAGCTGAAGGTGCGCACGCCACCCTGCAG  
 CCGCCCTGCTCAACCTCATGCTGGTAGTCTCCGGCGTGGCGATCTTCGTCAACGTGGGC  
 ATGGTGGTGCTAACCGACCTCAAGGTGGCCACCTCCCTGCTGCTGCTGCTCTTCGCCATC  
 TTCATGGGCTGCGGGCTCCAAGATGTTCCGGCAGCGGCGCAGCGCAGGCGTTGGAG  
 CTGGCGCACATGCTGTACTATCGCAGTACGTCCAACAACCTCGGAGCTGCTCAGCGCCCTG  
 GCCCTGCGCGCGCAGGACGAGCACCAAGGAGGCGTCTGGCTCACAGCTTCTGGCC  
 CGGCGCCAGGGGGCACTCAAGGCTCGCCGAAGAGACCTCCAGGTGGCTCAGGTCCGAG  
 GTGGAGAACTGGTCTTAGCCAAGTCAAGGCTGTGAGGTGACCTTCAACGGAACCTCGGGCC  
 CTGGCGCATCTGCAGGCCCTGACCCCCAGCATGGGATTGTACCCACCCCGGGTTTCCCC  
 AAAGTAGACCCAGTGGTCCGATCACTTCCGAGCCCCGCAAGCCACGCCAGCAGTAAC  
 ATCTCCTGAGTAGAACCTACCTCCCTGCCAGTCAAGGCTAGGAACTAAGCCCGCCT  
 CCTTACGACAGGCTGTCAATTACGGTTATTATACTTTTCACTCCAACCTCCAATAACTG  
 ACAGGTGATTATTTTGGCTGCACTGTGTCTTAAGCAAAGCAGCCAATCAAAGCAGCTAG  
 CAGTTGTTAAGTCTTCCCGCCCTTCGATGAACAGCCAATCAAAGCGATTTAGCTCTGC  
 TTCTGTTCTATTTCTTAGTCCCACCCTCACCATAAATATCCAAGTGTGGTTTGGCTGAGG  
 AGCTGAGGGTGTCTGCAATCACAGCTGCTCAGCTCTGGCTTCTGTAACCGCCAGGTAG  
 AAGAGTTAAAGTGCGCCCTCCCGAGACTATATATCATTGTCGTTTTAGCCCGCTCCGG  
 GCAAACCTGCCATCATGTGCACCAAGGCCGTTAGCCCTGCCTCCTGGCAAACGTCAGTG  
 ACAGCTGCTGGGTTCCATCAACTTTGGGAGCCGTTGTGCTGTCAGGGAAGGAACCAAT  
 AAGAATTTCTAAAGAAACCTGATCTTGCTATCAATTGCTGCTGTTAAATGGCAGGCCA  
 ACTGGTCACTGCTGATCAGGGTGTCTAGGCTGAAGGAGTTGGAGACCTTGTGCTAGGTA  
 GGTGAACCAGAAACACCTCGCCACCAAGACTCGCTCCCAACCTGGCTCCCGGCAACCT  
 CAGGTGCCTTCTCGCCAGGCTTTTACCCTTCTACAGAACTACCTCGGTCTGGATC  
 TCCCCACCACCAGCAGCTGTGCAATATTTATTGGTCTATCAATTTCTCCCGTCTCCTGT  
 CCCAAAGTAATAAATCATGTTTAATAAGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018273

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_018273.2</a></u> , <u><a href="#">NP_060743.2</a></u>
<b>RefSeq Size:</b>	2265 bp
<b>RefSeq ORF:</b>	1380 bp
<b>Locus ID:</b>	55260
<b>UniProt ID:</b>	<u><a href="#">Q96AN5</a></u>
<b>Cytogenetics:</b>	19q13.33
<b>Protein Families:</b>	Transmembrane