

## Product datasheet for **SC320366**

### **TMEM62 (NM\_024956) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TMEM62 (NM_024956) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM62
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\_024956.3  
 GGTGTT CAGATTTTCGGTTCTCTTTTCTGTGATCGTATTACTTATGCAAAACGAGCCAG  
 TCACTTGC GCGGCCAGAGAGGGG CAGGTGCTGGGCGGCGGCTGACGGGCGCAGCACCCCTA  
 GGCCAGTGTCTGGCTCCAGCCCCGCATCCGGCGCCGGCCCCGCATCCAGCTCTGGCCCT  
 GCGACAATAGAGTCCGGAAGTGCAGGCAAAGCGGCTCCCGGGAGCGCCGCGGGTCTGC  
 GCGGGATCAGCGAGGGCCGCCCCGGCGGGCGGCATGGCTGCAGTGTGGCTCTC  
 AGGGTGGTCGCGGGTTGGCGGCCGACGCGTGGTGCCATGCTCTTGGAGCACTACGGC  
 CTGGCGGGCCAGCCCTCGCCGCTGCCGCGCCCCGCGCCCCAGGAGCCGCACCCTGCG  
 CCAGGGCCCGGAGACAGCAACATCTTCTGGGGCCTGCAGATATCCGACATTCACCTGAGC  
 AGGTTTCGAGATCCAGGCAGAGCGGTAGACTTAGAGAAATTCTGTTCTGAAACTATTGAC  
 ATCATTCAACCAGCTCTCGTCTAGCAACAGGAGACCTGACAGATGCCAAAACAAAGGAA  
 CAGTTGGGATCCAGGCAGCATGAGGTAGAATGGCAAACCTACCAGGGTATTCTGAAGAAG  
 ACAAGAGTCATGGAAAAACCAAGTGGCTGGATATCAAAGGAAATCATGATGCATTCAAT  
 ATTCGAAGTCTGGACAGCATCAAGAATTATTACAGGAAATATTCTGCTGTACGTAGAGAT  
 GGCTCTTCCATTATGTCCACAGTACTCCCTTTGGCAACTATTGTTTCATCTGTGTAGAT  
 GCCACTGTAAATCCAGGGCCTAAGAGACCCTATAATTTCTTTGGAATTTTAGATAAGAAA  
 AAGATGGAGGAGCTCTTATTACTGGCCAAGGAAAGCAGTCGGAGCAACCATACAATTTGG  
 TTTGGACACTTTACAACATCCACTATTCTTTCTCCATCACCAGGAATCCGGTCAATAATG  
 AGTTCCGGCTATAGCTTATTTGTGTGGACATCTCCATACACTTGGTGGACTGATGCCTGTT  
 TTGCACACTCGTCACTTCCAGGGCACTTTGGAACCTGAGGTGGGAGACTGGAAGGATAAT  
 AGGAGGTACCGGATTTTTGCTTTTGATCAGCACCTTTAGCTTTGCAGATTTGATCTTT  
 GGAAGTGGCCTGTGGTCTTATACCAATCCTAAATCACTCCTTTATAGTTGTGGTGAA  
 CATGAACCACTAGAAAAGACTTCTTCACTCAACACACATCAGAGCTTGGCCTTTTCCCTTA  
 TCCTCCATTACTTCTGTACAGTTAAGATTGATGGAGTTCAATTTAGGCCAGGCTGTTTCAT  
 GTGCTGGTCCCATTTTCTGACTGAAGTGAATCCTAGAAACTACAGTAGTGGGACACAT  
 AACATAGAAGTAATCGTCCAGGATTCTGCTGGAAGAAGTAAGAGTGTTACCACATATTT  
 TCTGTTCAAGAGAATAATCATCTCAGTTTTGATCCCCTGGCATCATTTATTCTCCGTA  
 GATCACTACATCATGGCCCGGCTCTTTTGTGCTGATTGTGCTGAGCCAGCTCACCATT  
 CTCATTATTTTATAGATATCGAGGATACCCAGAGCTTAAAGAACCTCAGGGTTTATAAAT  
 CTGACCTCATTTTCTCTCATGTCTTGAGCAAAATAAACATCTTCTACTATTCTGTGTTG  
 TTGTTGACCTGTATACAGTGTGGGTCATGGTTTTTTGGTGAATCATTGATGGCAA  
 TTTGGTTGCTGCTTTTCCCTTTGGGATATTTGTTAATGGACATTTCTACAAGGCAGCATA  
 ACATTTATAATTGGAATTCTCCAGCTGGCGTTTTTTAACATCCCCTTGATGGCTTACATG  
 TGTTGGAGCTTGCTGCAGCGGTGCTTTGGTCACAACTTCAGGTCTCATCTCCATCAAAGA  
 AAATACTTGAAAATATGCCTGTTACCTACTTATGCTACTGCTGTACATCTGGCAGGTT  
 TATTCCTGCTACTTTCTTATGCAACATACGGCACCTAGCTTTTTTATTCTCCCCTTTG  
 CGGACCTGGTTGACACTGCTGACACCTGTTCTCATTGTTATGTGTGGACTGAACTCC  
 ACCAAGTTTGAATCTTCATGGTGCAGTTAAAAAGCCACCTGAGCTCCTGAAGGCCATGT  
 CTCACCAGTGGCAGCTGGGCAGAAAGCCAGCCTCTGTGCTGTAGCCCAGGCCTTACCC  
 CAGTAGCAGGTGGAGGGCCAGGATTGGTGGGTGAGCTTTAGGGAGCAGCTGCTCGTTTGG  
 AGTCTTGACGTTGGAGGATTACCCACTACTGATACCTGCAGAATGGACTGCAGAAAAG  
 TCTCAAAAATAATGCCTTTATTCCTTCCCTCCCTAAGGAGGCAAAGAGTTGATTTACCTT  
 TGTGAAGAGAAAACCTTATCTAGGACATCCACAGGAGTGGGTTGGGTGTGTACGGG  
 AGTGTCTGAGGCCAGTGTGTTTTTAGGGTTACCCATGTAAGCACTTACCGTGTGC  
 TTGGAATTCAGCAGCTGTCAAAGGTGCAATTTAGGGGCAGGGAACCTTTGAGGATCTGG  
 GCCCGACCCTCACTACCCTGAGATATTAGTCCAGGCCTGTTTTCCACAGGATTGTG  
 GGCTCTGCTTCTTAGTCGGAAGTGTTCCTCACTAATCAAATAAATGAATGAATGATG  
 AATAAGAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_024956

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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_024956.3</a></u> , <u><a href="#">NP_079232.3</a></u>
<b>RefSeq Size:</b>	2814 bp
<b>RefSeq ORF:</b>	1932 bp
<b>Locus ID:</b>	80021
<b>UniProt ID:</b>	<u><a href="#">Q0P6H9</a></u>
<b>Cytogenetics:</b>	15q15.2
<b>Protein Families:</b>	Transmembrane