

Product datasheet for **SC111459**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024956, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCAGTGGCTCTCAGGGTGGTCGCGGGGTTGGCGGCCGAGCGCTGGTGGCCATGCTCTTGG
AGCACTACGGCCTGGCGGGCCAGCCCTCGCCGCTGCCGCGCCCGCGCCCCAGGAGGCGCACCCCTGC
GCCAGGGCCCGGAGACAGCAACATCTTCTGGGGCTGCAGATATCCGACATTCACCTGAGCAGGTTTCGA
GATCCAGGCAGAGCGGTAGACTTAGAGAAATTCTGTTCTGAAACTATTGACATCATCAACCAGCTCTCG
TCCTAGCAACAGGAGACCTGACAGATGCCAAAACAAAGGAACAGTTGGGATCCAGGCAGCATGAGGTAGA
ATGGCAAACTACCAGGGTATTCTGAAGAAGACAAGAGTCATGGAACAAACCAAGTGGCTGGATATCAAA
GGAAATCATGATGCATTCAATATTCCAAGTCTGGACAGCATCAAGAATTATTACAGGAAATATTCTGCTG
TACGTAGAGATGGCTCTTCCATTATGTCCACAGTACTCCCTTTGGCACTATTCGTTTCTGTGTAGA
TGCCACTGTAAATCCAGGGCCTAAGAGACCCTATAATTTCTTTGGAATTTTAGATAAGAAAAGATGGAG
GAGCTCTTATTACTGGCCAAGGAAAGCAGTCGGAGCAACCATAACAATTTGGTTTGGACACTTTACAACAT
CCACTATTCTTTCTCCATCACCAGGAATCCGGTCAATAATGAGTTCGGCTATAGCTTATTTGTGTGGACA
TCTCCATACACTTGGTGGACTGATGCCTGTTTTGCACACTCGTCACTTCCAGGGCACTTTGGAACCTGAG
GTGGGAGACTGGAAGGATAATAGGAGGTACCGGATTTTTGCTTTTGATCAGACCTCTTTAGCTTTGCAG
ATTTGATCTTTGGGAAGTGGCCTGTGGTCTTATCACCAATCCTAAATCACTCCTTTATAGTTGTGGTGA
ACATGAACCACTAGAAAGACTTCTTCACTCAACACACATCAGAGTCTTGGCCTTTTCTTATCCTCCATT
ACTTCTGTACAGTTAAGATTGATGGAGTTCATTTAGGCCAGGCTGTTTCTGTGTCTGGTCCCATTTTCG
TACTGAAGTGAATCCTAGAACTACAGTAGTGGGACACATAACATAGAAGTAATCGTCCAGGATTCTGC
TGGAAGAAGTAAGAGTGTTCAACACATATTTCTGTTCAAGAGAATAATCATCTCAGTTTTGATCCCTG
GCATCATTTATTCTCCGTACTGATCACTACATCATGGCCCGGGTCTTTTGTGCTGATTGTGCTGAGCC
AGCTCACCATTCTCATTATTTTATAGATATCGAGGATACCCAGAGCTTAAAGAACCCTCAGGGTTTATAAA
TCTGACCTCATTTTCTTCTCATGTCTTGAGCAAAATAAACATCTTCTACTATTCTGTGTTGTTGACC
CTGTATACAGTGTGGTCCATGGTTTTTGGTGAATCATTGATGGCAAATTTGGTTGCTGCTTTTCT
TTGGGATATTTGTTAATGGACATTTCTACAAGGCAGCATAACATTTATAATTGGAATTCACAGCTGGC
GTTTTTTAACATCCCCTTGATGGCTTACATGTGTTGGAGCTTGCTGCAGCGGTGCTTTGGTCACAACTTC
AGGTCTCATCTCCATCAAAGAAAATACTTGAATTTATGCCTGTTACCTACTTATGCTACTGCTGTACA
TCTGGCAGGTTTATTCTGCTACTTTCTTATGCAACATACGGCACCTAGCTTTTTTATCTCCCTTT
GCGGACCTGGTTGACACTGCTGACACCTGTTCTATTCTGTTATGTGTGGACTGAACCTCACCAAGTTT
GGAATCTTCATGTTGAGTTAAAGGCCACCTGAGCTCCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024956 unedited

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GGGCACATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCTGCGCCAGG
GCCCGGAGACAGCAACATCTTCTGGGGCTGCAGATATCCGACATTCACCTGAGCAGGTT
TCGAGATCCAGGCAGAGCGGTAGACTTAGAGAAATTCTGTTCTGAAACTATTGACATCAT
TCAACCAGCTCTCGTCTAGCAACAGGAGACCTGACAGATGCCAAAACAAAGGAACAGTT
GGGATCCAGGCAGCATGAGGTAGAATGGCAAACCTACCAGGGTATTCTGAAGAAGACAAG
AGTCATGGAACAAACCAAGTGGCTGGATATCAAAGGAAATCATGATGCATTCAATATTCC
AAGTCTGGACAGCATCAAGAATTATTACAGGAAATATTCTGCTGTACGTAGAGATGGCTC
TTTCCATTATGTCCACAGTACTCCCTTTGGCACTATTCGTTTCTGTGTAGATGCCAC
TGTAATCCAGGGCCTAAGAGACCCTATAATTTCTTTGGAATTTTAGATAAGAAAAGAT
GGAGGAGCTCTTATTACTGGCCAAGGAAAGCAGTCGGAGCAACCATACAATTTGGTTTG
ACATTTACAACATCCACTATTCTTTCTCCATCACCAGGAATCCGGTCAATAATGAGTTC
GGCTATAGCTTATTTGTGTGGACATCTCCATACACTTGGTGGACTGATGCCTGTTTTGCA
CACTCGTCACTTCCAGGCACTTTGGAACCTTGAAGTGGGAGACTGGNANGATATANGAN
GTACCGGATNTTNGCTTTTGATCACGACCTCTNTAGCTNTGCAGATTTGATCTTTGGGAA
GTGGCCTGTGGNNTCTATCACCATCCTAAATCACTCCTTTATAGNTGNGGNGACATGNA
CCACTAGAAAG
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024956 unedited <pre> TTCATTCTTCATTTATGNTTGATTAGTTGNAAAACACCTTCCGACTAAGGAAGCAGAGA GCCCACAATCCTGTGGGAAAACAGGCCTGGGAACATAATCTCAGGGGTAGTGAGGGTCG GGCCCAGATCCTCAAAGGTTCCCTGCCCTGAAATTGCACCTTTGACAGCTGCTGAATTC CAAGCACAGCGGTAAGTGCTTTACATGGGGTAACCCTAAAAACACACTGGGCCTCAGAC ACTCCCGTACACACCCCAACCTCTACCCTGTGGATGTCCTAGATAAGGGTTTTCTCTTC ACAAAGGTAATCAACTCTTTGCCTCCTTAGGGAGGGAAGGAATAAAGGCATTATTTTGG AGACTTTTCTGCAGTCCATTCTGCAGGTATCAGTAGTGGGTAATCCCTCCAACGTCCAGG ACTCCAAACGAGCAGCTGCTCCCTAAAGCTCACCCACCAATCCTGGCCCTCCACCTGCTA CTGGGGTAGAGGCCTGGGCTACAGACACAGAGGCTGGGCTTCTGCCAGCTGCCAGTGGT GAGACATGGCCTTCAGGAGCTCAGGTGGCTTTTTAACTGCACCATGAAGATTCAAACTT GGTGGAGTTCAGTGTCCACATAACGAATGAGAACAGGTGTCAGCAGTGTCAACAGGT CCGCANAGGGGAGAATAAAAAAGCTAGGGTGCCGTATGTTGCATAAAGAAAGTAGCAGGA ATAAACCTGCCAGATGTACAGCAGTAGCATAAGTAGGTGAACAGGCATAATTTTCAAGTA TTTTTCTTTGATGGAGATGAGACCTGAAAGTGTGACCAAAGCACCCTGCAGCAAGCTCC ACACATNGTAGCCATCAGGNGATGNNTAAAAACGCCAGCTGGAGAATTCNNCATATAAT GTTATGCTGCCTTTGTAGAAATGTCCTTACCAATATCCCAAGGAAAGCAGCACCAATTG CATCATGATTCACCAAACCTGGACCAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024956
Insert Size:	2550 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_024956.2</u> , <u>NP_079232.2</u>
RefSeq Size:	2814 bp
RefSeq ORF:	2814 bp
Locus ID:	80021
UniProt ID:	<u>Q0P6H9</u>
Cytogenetics:	15q15.2
Protein Families:	Transmembrane