

Product datasheet for **SC123028**

Transmembrane Protein 101 (TMEM101) (NM_032376) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Transmembrane Protein 101 (TMEM101) (NM_032376) Human Untagged Clone
Tag: Tag Free
Symbol: TMEM101
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_032376 edited

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CCGCAGCGGACTGCCCTTCCCAAGATGGCGTCAAGATAGGTTTCGAGACGGTGGATGTT
GCAGCTGATCATGCAGTTGGGTTTCGGTGTCTCACACGCTGCCCTTTTGGGGTGTCT
CAGCCAGCTCATGCTGTACGCTGAGAGGGCTGAGGCACGCCGGAAGCCCACATCCCAGT
GCCTTACCTGTATTTTCGACATGGGGGCAGCCGTGTGTGCGCTAGTTTCATGTCTTTTG
CGTGAAGCGGGCTGGTTCGCGCTGGGGGCCACTCCAATTGGCCATTAGCACCTACGC
CGCCTACATCGGGGGCTACGTCCACTACGGGGACTGGCTGAAGGTCGGTATGTACTCGCG
CACAGTTGCCATCATCGGCGCTTTCTTGTGTTGGCCAGCGGTGTGGGGAGCTGATCCG
CCGGAACCTCGCAGCCGCTCCCTGCAGTCCACCGGCCAGGTGTTCCCTGGGTATCTACCT
CATCTGTGTGGCCTACTCACTGCAGCACAGCAAGGAGGACCGGCTGGCGTATCTGAACCA
TCTCCCAGGAGGGGAGCTGATGATCCAGCTGTTCTTCGTGCTGTATGGCATCCTGGCCCT
GGCCTTTCTGTCAGGCTACTACGTGACCCTCGCTGCCAGATCCTGGCTGTAAGTGTGTC
CCCTGTGATGCTGCTCATTGATGGCAATGTTGCTTACTGGCACAACACGCGGCGTGTGA
GTTCTGGAACCAGATGAAGCTCCTTGGAGAGAGTGTGGGCATCTTCGGAAGTGTGTCAT
CCTGGCCACTGATGGCTGAGTTTTATGGCAAGAGGCTGAGATGGGCACAGGGAGCCACTG
AGGGTCACCTGCCTTCCCTCCTTGTGCTGGCCAGCTGCTGTTATTTATGCTTTTTGGTCT
GTTTGTGTTGATCTTTTGGCTTTTTTAAAAATGTTTTTGCAGTTAAGAGGCAGCTCATTG
TCCAAATTTCTGGGCTCAGCGCTTGGGAGGGCAGGAGCCCTGGCACTAATGCTGTACAGG
TTTTTTTCTGTTAGGAGAGCTGAGGCCAGCTGCCCACTGAGTCTCCTGTCCCTGAGAAG
GGAGTATGGCAGGGCTGGGATGCGGCTACTGAGAGTGGGAGAGTGGGAGACAGAGGAAGG
AAGATGGAGATTGGAAGTGAAGCAATGTGAAAAATTCCTCTTTGAACCTGGCAGATGCAG
CTAGGCTCTGCAGTGTGTTGGAGACTGTGAGAGGGAGTGTGTGTTGACACATGTGG
ATCAGGCCCAGGAAGGGCACAGGGGCTGAGCACTACAGAAGTCACATGGGTTCTCAGGGT
ATGCCAGGGGCAGAAACAGTACCGGCTCTCTGTCACTCACCTTGAAGTGAAGCAGACCC
GTCTCTGTTCTAGCTCCATGGTTGGCCTGGTGGGGTGGAGTTCCCTCCCAAACACCAG
ACCACACAGTCCCAAATAAACATTTTATATAGACAAAAAAAAAAAAAAAAAAAAAAAAAA
AAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032376 unedited NNNGGCGTCGGGATTTTGTATCCGACTTACTATAGGCGGCCGCGCAATTCGCACGAGGCC GCAGCGGACTGCCCTTTCCAGTAGGCGTCCAAGATAGGTTTCGAGACGGTGGATGTTGCA GCTGATCATGCAGTTGGGTTTCGGTGTGCTCACACGCTGCCCCCTTTGGGGCTGCTTCAG CCAGCTCATGTGTACGCTGAGAGGGCTGAGGCACGCCTGAAGCCCGACATCCCAGTGCC TTACCTGTATTTTCGACATGGGGGCGAGCCGTGCTGTGCGCTAGTTTCATGTCCTTTGGCGT GAATCGGGCGTGGTTTCGCGCTGGGGGCGCACTCCAATTGGCCATTAGCACCTACGCCGC CTACATCGGGGGCTACGTCCACTACGGGGACTGGCTGAAGGTCCGTATGTACTCGCGCAC AGTTGCCATCATCGCGGCTTTCTTGTGTTGGCCATCGGTGCTGGGGAGCTGTACGCCCG GAAACCTCGCAGCCGCTCCCTGCAGTCCACCGGCCAGGTGTTCTGGGTATCTACCTCAT CTGTGTGGCTACTACTGCAGCACAGCAAGGAGGACCGCTGGCGTATCTGAACCATCT CCCATGAGGGGAGCTGATGATCCAGCTGTTCTTCGTGCTGTATGGCATCCTGGCCCTGGC CTTTCTGTCAGGCTACTACCTGACCCTCGCTGCCAGATCCTGGCTGTACTGCTGCCCC TGTGATGCTGTTATTGATGGCAATGTTGCTTACTGGCACAACACGCGGCGTGTGAGTT CCTGAACCAGATGAACCTTCTTGAGAGAGTGGGGCCTTCTTCGAACTGGTGTATCCT GGCCACCGAATGCTGAATTCTATGGCAAGAGGA
Restriction Sites:	Please inquire
ACCN:	NM_032376
Insert Size:	1572 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:	<ol style="list-style-type: none"> 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_032376.2, NP_115752.1</u>
RefSeq Size:	1563 bp
RefSeq ORF:	774 bp
Locus ID:	84336
UniProt ID:	<u>Q96IK0</u>
Cytogenetics:	17q21.31
Protein Families:	Transmembrane

Gene Summary: May activate NF-kappa-B signaling pathways.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (a).