

Product datasheet for **SC100812**

TMEM196 (NM_152774) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM196 (NM_152774) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM196
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152774, the custom clone sequence may differ by one or more nucleotides

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ATGTGCACCAGCGGTGAGATTATTGGGAGCCTCTTGGTGCTCTCCGTGCTGGAGATAGGGCTGGGGTGT  
CCAGCGTGGCCGTGGGGCGGTGAGCTTCAGCCTGGCCCTCCGAGAGCACAAGCCGAGCTCGGAGACTC  
GTCCCCGTTTCTTCTTTGTGGCATTGTGGAATATTGTGTGCCAAAAAAAAATCAGGACTTGTCATGATC  
CTCTTTTCAGCCTGCTGTATCTGTGGACTTATTGGGGCATCCTGAATTTTCAGTTCTCCGGGCAGTCA  
CAAAGAAACTTCCTCCCTATACCCACTGCACCTTGCCCTCCATGTCTCTCGCGTGCATTGGGATCGGGG  
CTGCACTCTCTTCTCTGGCTCACTTGTGACTAGCCAGTTATGAACAGAGGAGGATGTTCTCAGAAAGG  
GAGCATTCCCTGCATCACTCTCATGAAATGGCTGAGAAAGAAATAACAGACAACATGAGCAATGGAGGAC  
CACAGCTGATATTTAATGGAAGAGTGTA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152774 unedited AACGTCAAAATTTGTATACGACTCACTATAGGCGGCCGCGATTTCGGCACGAGGCGGAGTT TCTTCTTTGTGGCATTGTGGAATATTGTGTGCCAAAAAATCAGGACTTGTCATGAT CCTCTTTTCAGCCTGCTGTATCTGTGGACTTATTGGGGGCATCCTGAATTTTCAGTTCT CCGGGCAGTCACAAAGAAAACCTCCTCCCTATACCCACTGCACCTGCCTCCATGTCTCT CGCGTGCATTGGGATCGGGGGCTGCACCTCTCTTCTGGCTCACTTGTGACTAGCCAG TTATGAACAGAGGAGGATGTTCTCAGAAAGGGAGCATTCCCTGCATCACTCTCATGAAAT GGCTGAGAAAGAAATAACAGACAACATGAGCAATGGAGGACCACAGCTGATATTTAATGG AAGAGTGAATCAATGTTTTAAAGAATTGAACACTTTTTAGGATTTTCATGAGGCAATGA GACACCAAAGGACTAGAAAATAAAACAGTTTTTGCATTTGCATTTATCTCTCCTGAGCAT CCACTAAAATTATTCTTCTTAAAAATATATTGCCTCACTGGTTTCTCCACCTTTTTTA TGGGGTAAAAAATTTCCAGAAACATTCTAGTACAATAATTTCAAGAGGCTTTCCAGATT GTTCTAAAGAAGACTTTTCAGGANAAAGAGATAATAAAACAGAAATAAAATGCATATTCT ATACAAACACTATTTGACTAGCATGATTATTATATTTGTAATGACATATTTCATATGAGT AATTGAAAAGTGCANATATCAAGAAATAAAATAACTTATTGACGTCTTTGTTCTGAAAGA CGATGGGCTTCAAGATGCTACATTCANAACCTCATATGCCTTGTATAAAACATTTGTAT TATTTTCACTTTGTGAATGAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_152774
Insert Size:	2250 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_152774.2</u> , <u>NP_689987.2</u>
RefSeq Size:	3381 bp
RefSeq ORF:	315 bp
Locus ID:	256130
UniProt ID:	<u>Q5HYL7</u>
Cytogenetics:	7p21.1
Protein Families:	Transmembrane