

Product datasheet for **SC112497**

TMEM168 (NM_022484) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM168 (NM_022484) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM168
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_022484, the custom clone sequence may differ by one or more nucleotides

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ATGTGTAATCACTGCGTTATTGCTTTAGTCATTGTCTCTATTTAGCAATGACAAGACTGGAAGAAGTAA
ATAGAGAAGTGAACATGCATTCTTCAGTGCGGTATCTTGGCTATTTAGCCAGAATCAATTTATTGGTTGC
TATATGCTTAGGTCTATACGTAAGATGGGAAAAACAGCAAATTCCTTAATTTTGGTAATTTTATTCTT
GGTCTTTTTGTTCTTGGAAATCGCCAGCATACTCTATTACTATTTTCAATGGAAGCAGCAAGTTTAAGTC
TCTCCAATCTTTGGTTGGATTCTTGCTTGGCCTCCTATGTTTTCTTGATAATTCATCCTTTAAAAATGA
TGTAAGAAGAATCAACCAATATTTGCTTCTAACATCCATAGTGTAAAGGATATTGTGCTCTCTGGTG
GAGAGAATTTCTGGTTATGTCCGTCATCGGCCACTTTACTAACCACAGTTGAATTTCTGGAGCTTGTG
GATTTGCCATTGCCAGCACAATATGTTGGTGGAGAAGTCTCTGAGTGTCAATTTTCTTGTGTAGCTCT
GGCTATGCTGATTATTGATCTGAGAATGAAATCTTCTTAGCTATTCCAACTTAGTTATTTTGCAGTT
TTGTTATTTTTTCTCATTGGAACCTCCAAAAATCCGATTGCTTTTGGTGTTTTTTATTTGCCTGA
TAACTGATCCTTTCTTGACATTTATTTAGTGGACTTTCAGTAACTGAAAGATGAAACCTTTTTGTGA
CCGTGGAAGAATTTGAGAAGACTTTCAGTCGTTTTTGGCTGGAATGATTGAGCTTACATTTTTATTCTT
TCCGCATTCAAACCTAGAGACACTCACCTCTGGTATTTTGTAAATACCTGGCTTTTCCATTTTGAATTT
TCTGGATGATTTGTCATATTATTTTCTTTAACTCTTTGGGGATTCCATACCAATTAATGACTGCCA
TAAAGTATATTTTACTCACAGGACAGATTACAATAGCCTTGATAGAATCATGGCATCCAAAGGGATGCGC
CATTTTGGCTTGATTTTCAAGAGCAGTTGGTGTCTTTAGTCTTCTTGCAACAGCGATTTTGGGAGCAGTTT
CCTGGCAGCCAAACAATGGAATTTTCTTGAGCATGTTTCTAATCGTTTTGCCATTGGAATCCATGGCTCA
TGGGCTCTTCCATGAATTGGGTAAGTGTAGGAGGAACATCTGTTGGATATGCTATTGTGATTTCCACC
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CTACTGGCATGCTCAATGCTATCCAAAGATTTTTTGCATATCATATGATTGAGACCTATGGATGTGACTA
TTCCACAAGTGGACTGTCAATTTGATACTCTGCATTCCAACTAAAAGCTTTCCTCGAACTTCGGACAGTG
GATGGACCCAGACATGATACGTATATTTGTATTACAGTGGGCACACCCATGGTACAGGAGAGTGGGCTC
TAGCAGGTGGAGATACACTACGCCTTGACACACTTATAGAATGGTGGAGAGAAAAGATGGTTCTTTTG
TTCCCGGCTTATTATCGTATTAGACAGCGAAAATTCACCCCTTGGGTGAAAGAAGTGAGGAAAATTAAT
GACCAGTATATTGCAGTGCAAGGAGCAGAGTTGATAAAAAACAGTAGATATTGAAGAAGCTGACCCGCCAC
AGCTAGGTGACTTTACAAAAGACTGGGTAGAATATAACTGCAACTCCAGTAATAACATCTGCTGGACTGA
AAAGGGACGCACAGTGAAAGCAGTATATGGTGTGTCAAACGGTGGAGTGACTACACTCTGCATTTGCCA
ACGGGAAGCGATGTGGCAAGCACTGGATGTTACACTTTCCTCGTATTACATATCCCTAGTGCATTTGG
CAAATTGGTTATGCGGTCTGAACCTTTTTTGGATCTGCAAACTTGTTTTAGGTGCTTGAAGATTAATA
AATGAGTTGGTTTCTTCTACTGTGCTGGACACAGGACAAGGCTTCAAACCTGTCAAATCTTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022484 unedited
 NTGTTTGNATTTGTATACGACTCCTATAGGCGGCCCGCAATCGGCACGAGGCAACTATG
 TTGGTGGAGAAGTCTCTGAGTGTCAATTTGCTTGTGTAGCTCTGGCTATGCTGATTATT
 GATCTGAGAATGAAATCTTTCTTAGCTATTCCAAACTTAGTTATTTTGCAGTTTTGTTA
 TTTTTTCTCATTGGAACTCCCAAAATCCGATTGCTTTTGCCTGTTTTTTATTTGC
 CTGATAACTGATCCTTTCTTGACATTTATTTAGTGGACTTTCAGTAAGTAAAGATGG
 AAACCCCTTTTGTACCGTGAAGAATTTGCAGAAGACTTTCAGTCGTTTTTGTGGAATG
 ATTGAGCTTACATTTTTTATTCTTTCCGCATTCAAACCTTAGAGACACTCACCTCTGGTAT
 TTTGTAATACCTGGCTTTTCCATTTTGAATTTTCTGGATGATTGTCAATATTTTTT
 CTTTAACTCTTTGGGATTCCATACCAAATTAATGACTGCCATAAAGTATATTTTACT
 CACAGGACAGATTACAATAGCCTTGATAGAATCATGGCATCCAAAGGGATGCGCCATTTT
 TGCTTGATTTTCAAGCAGTTGGTGTCTTTAGTCTTCTTGCAACAGCGATTTTGGGAGCA
 GTTTCCTGGCAGCCAACAAATGGAATTTTCTTGAGCATGTTTCTAATCGTTNTGCCATTG
 GAATCCATGGCTCATGGCTCTTCCATGAATTGNGTAAGTGTGTANGAGGAACATCTGTT
 GGATATGCTATTGTGATCCCACTTCTGCAGTCTGATGGTCAGCCAACACTGCTT
 NCCCCAGAACATGTACAGGNAGTAAATTTGAGGTCTACTGCCATGCTCAATGCTATCCAA
 AGAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022484 unedited
 GCGGATTATATCTACTTTCTTAGNAAAATCATATTCAAAACACAGNAAATAATCAGAC
 TATAACAATGCTGCATAGATAGAGGTATACAAGTCCCTGACTCTAACTTCTTCTAACT
 TAAAAGTTCAATTTTCAAGTCACCAGGTAGAAAATGGTGGAGGCATTATTTCTCTTTCT
 GAGGCTATAAAAAATGGCTTCAATGGTGAGAAGGCAAACATTTAAACAATGAAGATTAG
 ATTATACCCCAATTTAATTCTATTCCCTTCTTGTGTTATTTCTCATAGATGAAAATCT
 AGAATGTAATAATTATTGGAAAGGAATAATAAGTGAATTACCTCTTAAGAGATACCCTGA
 TCAGTGCTGCTTTAATCAGACAAAACACTAAGTTTCAAAAATTACAACCACAATATTAT
 GCCTAACTAAAATTGCCAATATGAATACTTTTTACAGAATACATTACATGTATACCAGA
 AGAGAAATACTTGTTCCTATCCTCTGACCTTCAGCATAAAAAATGCTATCACTAACAA
 GGATCCAGAAAAATACTTTCAAGGCACAGCATTAACTCATGGGGATCAAAATCTCTTC
 TGATACTTAAAAATATACCGAGTCAGTTAACGATAAATTGCCTAATTTCTCTATGATATT
 ACCCTTCCAAAACGGATGACAATTTTATCGAAGAATTTGCACCTGGAACATTGTTCAATTA
 ATAAAACCTTTAGTTACCTGGAAGACCTCTTATATTACCCATTGTTTCAAGGCCCCC
 TGGCCAACGCTTGAATAATCACCTGTAAGGCTCTACGCTTTAACAACACCACACTAACA
 ATTTCTTGTTCTAAAAAGAACTCTGTCTCTTTGCACCCCGGCTATTATCCACTCCCGT
 CTCTCTGTAGTGATGCGTCTCATCCAATTGCGCTCCCTTCTAAGGCCGCCCTTCTTTT
 TCTTACATATAAATCGCCTTCTTTAAATGGCCTAG

Restriction Sites:

NotI-NotI

ACCN:

NM_022484

Insert Size:

3350 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_022484.1, NP_071929.1</u>
RefSeq Size:	7317 bp
RefSeq ORF:	7317 bp
Locus ID:	64418
UniProt ID:	<u>Q9H0V1</u>
Cytogenetics:	7q31.1
Protein Families:	Transmembrane