

Product datasheet for **SC114006**

TMEM104 (NM_017728) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM104 (NM_017728) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM104
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017728, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGTCAAATTACAGAGACCGGGAACTCTACTTCTCTACGTTGGGCTGGTGTACATGTTTAACC
TCATCGTGGGCACGGGCGCACTCACCATGCCAAGGCATTCGCCACTGCCGGTGGCTTGTGACGCCCTCGT
CCTGCTGGTGTTCCTGGGCTTCATGAGCTTCGTGACCACCACCTTTGTGATAGAGGCCATGGCTGCAGCC
AACGCGCAGCTCCACTGGAAGAGGATGGAGAACCTCAAGGAGGAGGAAGATGACGACTCCACAGCCT
CAGACAGCGATGTTCTCATCCGGGACAACACGAGCGGGCAGAGAAGCGGCCATCCTGTCTGTGCAGAG
ACGTGGATCTCCAACCGTTTGAAATCACAGACCGGGTGGAAATGGGACAAATGGCCTCCATGTTCTTC
AATAAAGTGGGGTCAAATTGTTCTATTTCTGCATCATCGTTTACCTGTATGGAGACCTCGCCATCTATG
CTGCTGCCGTGCCCTTCTCCCTCATGCAGGTGACCTGCAGCGCCACTGGCAATGACTCCTGCGGTGTGGA
AGCAGACACCAAATAACAATGACTGACCGGTGCTGGGGGCCCTGCGCCGAGTGGACGCCTACCGCATC
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GCACGGACAAGGGGAGGGGCACCCGCCCTGGCTGACTTCTCGGGGTCCGGAACCTGTTGGGGTGTGC
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CAAGGCTGGTGTTCCTGGACTACGTGCTGATCCTGGCCTTCTACGGCCTCCTCTCCTTACCGCCATCTT
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CGTCGTGTTTCCCACCATCACCTGGTGGCCCTGTGCTGGTGGCCTTCTGCACCACGACTGGAGTCC
CTGGTGGGCATCACAGGGGCTACGCGGGCACCAGCATCCAGTACGTATCCCGCCTTCTGGTGTACC
ACTGCCGACGGGACACCCAGCTGGCCTTTGGCTGTGGGGTCCAGCAACAAGCACAGGTCCCCTTCCGCCA
CACCTTGGGTGGGCTTCGTGCTGCTGCGGCTTCTCCTGCTCATTTTCGTACGGCCAATATCATC
CTCAGCGAGACCAAGCTCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017728 unedited
 NNAAAAAGGGGGGNNNANNANTTNNCCCNATTTCTTACACCCGCCCGTTGNCGCAA
 TGGGCGGTAGGCGTGTACGGTGGNGAGTCTATATAAGCAGAGCTCATTTAGGTGACACTA
 TAGAATAACAAGCTACTTGTCTTTTTGCAGCGGCCGGAATTCGGCACAGGGACCGGCGG
 GAGACGGCGGCTTGCAGCTGGCTGTGCTGCAGGAGCTGCGGCAGCCCGCTCCTTGAC
 CTAAGGAACCTCTGCTGCCAGCCCTTCTCACTTTTGGAAATGGCGGGTAAAATTACAGA
 GACCGGGAACTCTACTCTTCTACGTTGGGCTGGTGTACATGTTTAACTCATCGTGGG
 CACGGGCGCACTACCATGCCCAAGGCATTGCCACTGCCGGTGGCTTGTGAGCCTCGT
 CCTGCTGGTGTCTGGGCTTATGAGCTTATGACCACACCTTTGTGATAGAGGCCAT
 GGCTGCAGCCAACGCGCAGCTCCACTGGAAGAGGATGGAGAACCCTCAAGGAGGAGGAAGA
 TGACGACTCCTCCACAGCCTCAGACAGCGATGTTCTCATCCGGGACAACCTACGAGCGGGC
 AGAGAAGCGGCCATCCTGTCTGTGCAGAGACGTGGATCTCCAACCCGTTTGAATCAC
 AGACCGGTGGAAATGGACAAATGGCCTCCATGTTCTCAATAAAGTGGGGTCAACTT
 GTTCTATTTCTGCATCATCGTTTACCTGTATGGAGACCTGCCATCTATGCTGCTGCCGT
 GCCCTTCTCCTCATGCAGGTGACCTGCAGCGCCACTGGNCATGACTCCNTGCGGTGTGGA
 AGCAGACACCAAATAACAATGACACTGACCGNNTGCTGNGGGCCCTGCGCCGAGTGGA
 CGCCTACCGCATCTACTTTGAAAGTCATCTGGNAAGCGATTNCCTTCTGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017728 unedited
 TTTAATAACCTTTTTTTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTCCACGAAAAGTTTTTTGAACATTTGGGGCGGGCCCTAACCT
 AAACCTTTTAATCCCAAAACGGGCCAGGGACAAAGTTGTTACCCCTTTTAAAAAAG
 GGTTTAAAGGCCAAGGAGCCCCCTGCCGAAAGGGGAGGCCCGCTGCCTGGCCCAAG
 GCAAAAAGTCCCAAGGCCAGGCCGGGCAAAAAGGCCCCCAAGGGAGTTACCCCTT
 AGTTTGAATCAAAACCTTTGGCCCCGGGGGAAGGATCCCAAGCTCTCCCAAGTTTCT
 CGGGGGCCCTTAACCAGGGTCAACCCTTGGTGGGAAATCCGCCCAAAAAGGACGCTTC
 CTTTTCCCAAGCGGGGCTTGCACCCATTGCCCTTTGGAGGGTTTTCCAGAAGGG
 GGGAAAAACCCCTGGGCCTCCCCCATTGATTTGGCCTTTGCCTGTTGCCAAGGCTC
 GCCCCCGCCCCGTAGTAAGAACACCTTTGGGGCTGGGGCCCTTCTGGGGCCACTGGC
 ACACCTCCCACACAAGTAGGGTTCCATTCTATAACCGGCCATCCCCCATTTTATA
 ATCGGGAAGTGGGGTTTTTGCCTCGGGTGGAGAAAAACNCCCAAACCTCCTGGCAA
 AAAAACCCGGGGCCTAAAGGGGTCTGGGGCCCTTCGGGGGGGGGGCGGCCAAAA
 AAAGGTAATCCCCACTTAGACCCTGGCCCGGCACAGGGGACTATGGGGAGCCATAG
 AAAAGGAGAACAAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_017728

Insert Size:

4700 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: [NM_017728.1](#), [NP_060198.1](#)

RefSeq Size: 4763 bp

RefSeq ORF: 945 bp

Locus ID: 54868

UniProt ID: [Q8NE00](#)

Cytogenetics: 17q25.1

Protein Families: Transmembrane