

Product datasheet for **SC112777**

TMEM41A (NM_080652) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM41A (NM_080652) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM41A
Synonyms:	2900010K02Rik
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112777 sequence for NM_080652 edited (data generated by NextGen Sequencing)

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ATGCGCCCGCTTCTCGGCCTCCTTCTGGTCTTCGCGGGCTGCACCTTCGCCTTGTACTTG
CTGTTCGACGCGACTGCCCGCGGGCGGAGACTGGGCTCCACCGAGGAGGCTGGAGGCAGG
TCGCTGTGGTTCCCTCCGACCTGGCAGAGCTGCGGGAGCTCTCTGAGGTCTTCGAGAG
TACCGGAAGGAGCACCAGGCCTACGTGTTCTGTCTTCTGCGGCGCCTACCTCTACAAA
CAGGGCTTTGCCATCCCCGGCTCCAGCTTCTGAATGTTTTAGCTGGTGCCTTGTGGG
CCATGGCTGGGGCTTCTGCTGTGCTGTGTGTTGACCTCGGTGGTGCCACATGCTGCTAC
CTGCTCTCCAGTATTTTTGGCAAACAGTTGGTGGTGCCTACTTCTGATAAAGTGCC
CTGCTGCAGAGAAAGGTGGAGGAGAACAGAAACAGCTTGTTTTTTTCTTATTGTTTTG
AGACTTTTCCCATGACACCAAACCTGGTCTTGAACCTCTCGGCCCAATTCTGAACATT
CCCATCGTGCAGTTCTTCTCTCAGTTCTTATCGGTTTGATCCCATATAATTCATCTGT
GTGCAGACAGGGTCCATCCTGTCAACCCTAACCTCTCTGGATGCTTTTTCTCCTGGGAC
ACTGTCTTTAAGCTGTTGGCCATTGCCATGGTGGCATTAAATTCCTGGAACCCTCATTAAA
AAATTTAGTCAGAAACATCTGCAATTGAATGAAACAAGTACTGCTAATCATATACACAGT
AGAAAAGACACATGA
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Clone variation with respect to NM_080652.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_080652 unedited TTACAATTTGTAATACGACTCACTATACGTGCGGCCGCGATTTCGGCACGAGGCGGAGTGC AAGTGAGCTTCTCGGCTGCCCGCGGGCGGGGTGCGGAGCCGACATGCGCCCGTTCTC GGCCTCCTTCTGGTCTTCGCGGGCTGCACCTTCGCCTTGTACTTGTCTGCGACGCTACTG CCCCGCGGGCGGAGACTGGGCTCCACCGAGGAGGCTGGAGGCAGGTCGCTGTGGTTCCCC TCCGACCTGGCAGAGCTCGGGAGCTCTCTGAGGTCCTTCGAGAGTACCGTGAGGAGCAC CAGGCTACGTGTTCTGCTCTTCTGCGGCGCCTACCTCTACAAACAGGGCTTTGCCATC CCCGGCTCCAGCTTCTGAATGTTTTAGCTGGTGCCTTGTGGCCATGGCTGGGGCTT CTGCTGTGCTGTGTTGACCTCGGTGGGTGCCACATGCTGCTACCTGCTCTCCAGTATT TTTGGCAAACAGTTGGTGGTGTCTACTTTCTGATAAAGTATCCCTGCTGCAGAGAAAAG GTGGAGGAGAACAGACACAGCTTGTTTTTTTCTTATTGTTTTGAGACTTTTCCCATG ACACCAAACCTGGTCTTGAACCTCTCGGCCCAATTCTGAACATCCCATCGTGCAGNTC TTCTTCTCAGTCTTATCGGTTNGATCCCATATAATNTCATCTGTGTGCAGACAGGCTCC ATCCTGTCAACCCCTACCTCTCTGGATGCTTTTTCTCCTGGGCACTGTCTTAAACTGT TGGCCATTGCCATGGTGGCATTAACTTCTGGAACCTCTTAAAAATTTAATCCGAAACC TCTGCAATTGAATGAAACAAGTACTGGCTATCCTATCCACAGTTGAAAAGCACCCCTGATC CTGGATTTTCTGTTTGGCCCATCCCTGGACTCATTC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_080652 unedited TTGTACGAGCCCGTATCTANATCGAGTCCTTCTTTTTTTTTGTTAAGACAGTGTCTC ACTCTATACCCAGGCTGGAGTGCACCGGTGTGATCTTGGCTTACTGCAACCTTGCCAC CTTGGTTAAAGCCATTCTCTGCCTCAGCCTCCGAGCAGCTGGGATTACAGGTGTCTGC CACCCTCTGGCTAATTCCTGTATCTTTATTACAGACAGGATTTACCATCTTGGCCAG CCTGGCCTTGAACACTGACCTTGGGAACCAATGGTCTTGGTTTTTTAAGTGTGGGAT TACAGGCGCGAGCCACCGCCCCCGGTACACATACAGCATTCTCCACGAGGCTCCTGTTGT AGCGCCTGCTACACCAGGACTGGTTTGACACCCTTATGCAATTTTCCCTTTTATAACACA ATGACCCTTTTTGAAAAACACACCTGCCATTGTTGCCCCCTGTTTTCTCCCCCTCATC CAATGTAATCATAAAACACCTGAGGGGTTTTATAGGACCCATTCCACAAAATTTT CACTTGCCTTTACCGCCCTGGCCACAGAACCAATCCAACCCTGCGTATTTCTACCGT GCCACCGCCACCCACCTTGCCTCCCTCCATTGCGGCATGCATTTGATTTTATTTTT TTTTAGTTGGGTACCACCTATTTACCCTATTCTTGTCTACCGGCCCTTCCCGCTTAAATA ACCGTGGTTCACGCAAAAAATTATTCTTCTTACACCNTTGTATTGGACGGGCGAC GCCCCCGCCCTGCCCTTATTTGATAATTTTTGTGATNAAACCTTTTATAAATGAAAA AAAACACTCCCCCTCCGCCCCGTCCCAAAATTGGCGGCTAAGGCTCACAATTTTTT TGTGCCCCCGCGCATATTTTTTCCCTCACCCTCAAACAAACCCCGTGCCTGTATA ACACCAACCTCCCTGGCCCCGGCCCTTATATGACACTTCCCCACTACAACCTCTCCC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_080652
Insert Size:	1560 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_080652.2](#), [NP_542383.1](#)

RefSeq Size: 1395 bp

RefSeq ORF: 795 bp

Locus ID: 90407

UniProt ID: [Q96HV5](#)

Cytogenetics: 3q27.2

Protein Families: Transmembrane