

Product datasheet for **SC113607**

TMEM40 (NM_018306) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM40 (NM_018306) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113607 sequence for NM_018306 edited (data generated by NextGen Sequencing) ATGGAGACTTCAGCATCCTCCTCCAGCCTCAGGACAACAGTCAAGTCCACAGAGAAACA GAAGATGTAGACTATGGAGAGACAGATTTCCACAAGCAAGATGGGAAGGCTGGACTCTTT TCCCAAGAACAATATGAGAGAAACAAGTCTTCTTCCTCCTCCTCCTCTTCTCCTCATCC TCCTCATCTTCTCATCCTCCTCCTCAGAGAGCAATGATGAGGACCAGCAACCCAGA GCAACCGGAAAACATCGACGGAGCCTGGGGGCTGGATACCCACGGGAACGGCTCACCC GGTCTGGGCATGGGGAGCCTGACGTTTTGAAGGATGAGCTTCAACTCTATGGAGATGCT CCTGGAGAGGTGGTACCCTCTGGGAATCAGGACTCCGAAGGAGAGGCTCTGACCCAGCA AGTGGAGAAGTGGAGGCCTCTCAGTTAAGAAGACTGAATATAAAGAAAGATGATGAGTTT TTCCATTTGTCCTCCTGTGCTTTGCCATCGGGCCTTGGTGGTGTATCACTATTAC GCAGACTGGTTCATGTCTTTGGGGTGGCCTGCTCACCTTCGCCTCCCTGGAAAACCGTT GGCATCTACTTCGGACTAGTGTACCGTATCCACAGCGTCTCCAAGGCTTCATCCCCCTC TTCCAGAAGTTTAGGCTGACAGGTTTCAGGAAGACTGACTGA

Clone variation with respect to NM_018306.2
684 g=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018306 unedited
 NNNGGTTTCAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGCAGAGCT
 CCCCTTGTGCCCCAGACAAGCTGAAGGACCACAGGGAAAAGCCATGGAGACTTCAGCATC
 CTCCTCCCAGCCTCAGGACAACAGTCAAGTCCACAGAGAAAACAGAAGATGTAGACTATGG
 AGAGACAGATTTCCACAAGCAAGATGGGAAGGCTGGACTCTTTTCCCAAGAACAATATGA
 GAGAAAACAAGTCTTCTCCTCCTCCTCCTCCTCCTCCTCCTCATCCTCCTCATCTTCTTCATC
 CTCTCCTCCTCAGAGAGCAATGATGAGGACCAGCAACCCAGAGCAACCCGGAAAACATCG
 ACGGAGCCTGGGGCTGGATACCCACAGGGAACGGCTCACCCGGTCTGGGCATGGGGA
 GCCTGACGTTTTGAAGGATGAGCTTCAACTCTATGGAGATGCTCCTGGAGAGGTGGTACC
 CTCTGGGGAATCAGGACTCCGAAGGAGAGGCTCTGACCCAGCAAGTGGAGAAGTGGAGGC
 CTCTCAGTTAAGAAGACTGAATATAAAGAAAGATGATGAGTTTTTCCATTTGTCCTCCT
 GTGCTTTGCCATCGGGCCCTTGCTGGTGTGTATCACTATTACGCAGACTGGTTCATGTC
 TCTTGGGGTCGGCCTGCTCACCTTCGCCTCCCTGGAAACCGTTGGCATCTACTTCGGACT
 AGTGTACCGTATCCACAGCGTCCCAAGGCTTCAATCCCCTCTCCAGAAGTTTANGCT
 GACAGGTTTTCAGGAAGACTGACTGAGGCCACTTCCAGGTGGGCAGCAGAAGCAGGCCCA
 GTGTGACCACCCTGCGACCCCTGAGCCACNAGGGCAGAGCAGCATTCTGAGAGACGCA
 CAGGAGACCAGCCAGACCAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018306 unedited
 TGGGAGGGACTAGAGGTACGTTCCGCCCTCNANGATCGAGTTTTTTTTTTTTTTTTTAA
 TTTTAGAGAAATATCTTGCTCTGTGCCCCAGGCTGGAGTGAGTGGCTTGATCGTACCTC
 ACTGCAGCCCTGAACCTCTGGGCTCAAGCAGTCTCCTGCCTCATCCTCTTGAGTAGCTG
 GAACCGCAGGTATGTACAGGTATGTACCGCCACATTTGGTCATTAATAAAAAAATGTAGA
 GATGGGGTCTCACTATGTTGCCAGGTTGGTCTTGAACCTCAGCTTCAAGCGACCCTT
 ATCCTGAGCCTCCAAAAGTGCGAGGATTACAGTGTGAGCCCCCATGCCTGGCTGCCATT
 TAGTTTTCTGATGATCATTTCCTGCCTTTTTTTTTTTGGGTGCAAAAAAATGGTTTTAGT
 CCTCAGCATCTTACCTGCATCAGGTTACCAAGGGGCCAGCCCGATGGCTCCCTGCCT
 CAAAGCAGTGGACCATCCATCTCTCCAGGATGGCTCGGTAGCACCTGAGAGCGCATGCA
 GATAGCCTGGGATTTGAGAAAAACCATGAACCCAGACAGATCACAGCTTGACAGCTCAG
 GGTCCCTTGCTGCTCCTCTGAGAGCAGTACCTCCAGAATCTTCTGCTGGTCCAGGTAC
 TGTGAAGCCTCAGGCCCCACACCACCCTCTGCCTTTCATCCTTGCAGCTGGGTTGCACA
 GCAGTACTGCCAAATGAGATGCCCTGCCCGGCTGGTGCCAACTTTCAGACCACATGG
 AAGGAAAAGTGCCTGTTTATTGGGCTGGCTTGGTCCCCTGGGCTTTCTCAAAGCTGT
 TCTGCCTTGGGGGCTAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_018306

Insert Size:

1650 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_018306.2](#), [NP_060776.2](#)

RefSeq Size: 1710 bp

RefSeq ORF: 702 bp

Locus ID: 55287

UniProt ID: [Q8WWA1](#)

Cytogenetics: 3p25.2

Protein Families: Transmembrane