

Product datasheet for **SC108689**

TMEM140 (NM_018295) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM140 (NM_018295) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM140
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108689 sequence for NM_018295 edited (data generated by NextGen Sequencing) ATGGCCGGCCCAAGGCCTCGGTGGCGCGACCAGCTGCTGTTCATGAGCATCATAGTCCTC GTGATTGTGGTCATCTGCCTGATGTTATACGCTCTTCTCTGGGAGGCTGGCAACCTCACT GACCTGCCCAACCTGAGAATCGGCTTCTATAACTTCTGCCTGTGGAATGAGGACACCAGC ACCCTACAGTGTACCAAGTTCCTGAGCTGGAAGCCCTGGGGGTGCCTCGGGTTGGCCTG GGCCTGGCCAGGCTTGGCGTGTACGGGTCCCTGGTCCCTCACCTCTTTGCCCCCAGCCT CTCCTCCTAGCCAGTGCAACAGTGATGAGAGAGCGTGGCGGCTGGCAGTGGGCTTCCTG GCTGTGTCCTCTGTGCTGCTGGCAGGCGGCCTGGGCCTCTTCTCTCCTATGTGTGAAG TGGGTCAAGCTCTCCCTCCCGGGGCCTGGGTTTCTAGCTCTGGGCAGCGCCAGGCCTTA CTCATCCTCTTGCTTATAGCCATGGCTGTGTTCCCTCTGAGGGCTGAGAGGGCTGAGAGC AAGCTTGAGAGCTGCTAA Clone variation with respect to NM_018295.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018295 unedited
 TTCTANAATTTGTAAACGACTCATATAGGCGGCCGCGAAATTCGCACGAACCTCANGACT
 GCATCTGCCTGCCATTTCCCTTCCACTCCTCTTTCTGGAGTCTGACATTAGAAAGCCAG
 CGAGAAGGAAGATTCAAACAACCAACCTGATTTCTGCTTCTCCTTTTCATGAGTGTTT
 CTGTGGTCTCTGCACCTCCTTTCTGTCCCCGGCAGAGGGCAGTAGAGATGGCCGGCCCA
 AGGCCTCGGTGGCGGACCAAGCTGTCTCATGAGCATCATAGTCTCGTGATTGTGGTC
 ATCTGCCTGATGTTATACGCTCTTCTCTGGGAGGCTGGCAACCTCACTGACCTGCCAAC
 CTGAGAATCGACTTCTATAACTTCTGCCTGTGGAATGAGGACACCAGCACCTACAGTGT
 CACCAGTTCCTGAGCTGGAAGCCTGGGGGTGCCTCGGGTTGGCTGGGCTGGCCAGG
 CTTGGCGTGACGGGTCCCTGGTCTCACCTCTTTGCCCCCAGCCTCTCCTCTAGCC
 CAGTGCAACAGTGATGAGAGAGCGTGGCGGCTGGCAGTGGGCTTCTGGCTGTGCTCT
 GTGCTGTGGCAGGCGGCTGGGCTCTTCTCTCTATGTGTGAAGTGGGTGAGGCTC
 TCCCTCCCGGGGCTGGGTTTCTAGCTCTGGGAGCGCCAGGCCTTACTCATACTCTTG
 CTTATAGCCATGGCTGTGTTCCCTCTGAGGCTGATAGGCTGAAAGCAAACCTGAGAAC
 TTGTTAAAGCTAACGTGATTGCAAGGTTCAATCCAACCATGTGAGAAGGGGACATCTGTC
 TAGCCTGCTATTTTACACTAACGCTGATCTCCACTCCACCGAGGAACCCATTAAAGAGA
 GGGGGGGCCCTTGTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018295 unedited
 CGCCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTGTACATGTCTGCCTCTGTTT
 TCAGTGTGGCTTTGGACAGGAATATATGAATAAATCACTGCCATACAGGTTTTCCAATAC
 ACAAGTGCTAGAAAATACACACAATCCCAATGCGTAAGTTGTGCTAATGTCTTTCCAA
 GTTCTGGGTTGGGAAGTGGAGGTGGCAGCGTTTGTGTCGCAACCGTCCAGTCTGT
 TCACAGCGAGGATTTGGAGTCTCCAGGCTCTCATGAGGAGTATTTGTCAGCGGACG
 CCTCTGCCCTGTCTGGCTTCAGGTCCAGGGAAGCTTTGAAGCAGTCAAGCCTTGTCTTTG
 TACCCCATGTGTACTGTCTTTGTGAGTCACTCAAAGATCACTCCTGGACCTCTGGGGTT
 GGAGTTCCAGTGATGGCTTATGGCGGACCACTCACTATGGTGGGCTGAGTGGAAGCTCCT
 TAACCATGTCCCCAGAGACACTGAGGTGCTCGCTCTTTAATGTACTAGTTTGTGCCGT
 AAGTTCTTTGCTAGGTTTTATTTTGGCATTGCCAAATCACACTGCAAGTCTGGTCCAT
 GACAGCAATCACCTCCCTGCCACCCTCCTGAAGCTAGAGGAAAATTTGCTCAGATCCAT
 TATTTANAGCAGGAATTGGTGTGACAATGAGCTGAATGGTTTATGGAGCCTTTGGGACCC
 TTGAAATACTGAAGACAGACATTCTGCACTAAAATAACCAGGGCCTCGCTGCCCTGCTCG
 CCCTCGGCCTTTTGCACAGGGGCCACCTCTTTGTATGGGTTCCATCCTGAAGTGAAGT
 ACCGTTACTGTATATGAAAGGTTGAACAATGGCACCTCTGACATGTTGGACTGACCTTG
 CATACGAACTTAACAGTTTTAGTTTTTTAACTTTAACCTTAAGGAAAAAGCTGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_018295

Insert Size:

1680 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_018295.1, NP_060765.1</u>
RefSeq Size:	1680 bp
RefSeq ORF:	558 bp
Locus ID:	55281
UniProt ID:	<u>Q9NV12</u>
Cytogenetics:	7q33
Protein Families:	Transmembrane