

Product datasheet for **SC107982**

TMEM106C (NM_024056) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM106C (NM_024056) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM106C
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107982 sequence for NM_024056 edited (data generated by NextGen Sequencing)

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ATGGGGTCTCAGCATTCCGCTGCTGCTCGCCCCTCCTCCTGCAGGCGAAAGCAAGAAGAT
GACAGGGACGGTTTGCTGGCTGAACGAGAGCAGGAAGAAGCCATTGCTCAGTTCCCATAT
GTGGAATTCACCGGGAGAGATAGCATCACCTGTCTCACGTGCCAGGGGACAGGCTACATT
CCAACAGAGCAAGTAAATGAGTTGGTGGCTTTGATCCCACACAGTGATCAGAGATTGCGC
CCTCAGCGAACTAAGCAATATGTCCTCCTGTCCATCCTGCTTTGTCTCCTGGCATCTGGT
TTGGTGGTTTTCTCCTGTTTCCGCATTCAGTCCTTGTGGATGATGACGGCATCAAAGTG
GTGAAAGTCACATTTAATAAGCAAGACTCCCTTGAATTCTCACCATCATGGCCACCCTG
AAAATCAGGAACTCCAACCTTCTACACGGTGGCAGTGACCAGCCTGTCCAGCCAGATTGAG
TACATGAACACAGTGGTCAATACATATGTGACTACTAACGTCTCCCTTATTCCACCTCGG
AGTGAGCAACTGGTGAATTTTACCGGGAAGGCCGAGATGGGAGGACCGTTTTCTATGTG
TACTTCTTCTGCACGGTACCTGAGATCCTGGTGCACAACATAGTGATCTTCATGCGAACT
TCAGTGAAGATTTTATACATTGGCCTCATGACCCAGAGCTCCTTGGAGACACATCACTAT
GTGGATTGTGGAGGAAATTCACAGCTATTTAA
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Clone variation with respect to NM_024056.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024056 unedited ACCCAATTCGCTCGAGGCTGGACATGATCACCAGTGGCATATCACGGCCATGGGGTCTCA GCATTCGCTGCTGCTCGCCCCTCCTCCTGCAGGCGAAAGCAAGAAGATGACAGGGACGG TTTGCTGGCTGAACGAGAGCAGGAAGAAGCCATTGCTCAGTTCATATGTGGAATTCTC CTGGTTGAGATAGCATCACCTGTCTCACGTGCCAGGGGACAGGCTACATTCCAACAGAGC AAGTAAATGAGTTGGTGGCTTTGATCCACACAGTGTATCAGAGATTGCGCCCTCAGCGAA CTAAGCAATATGCTCCTCCTGCTCCTGCTTTGTCTCCTGGCATCTGGTTTGGTGGTTT TCTTCCTGTTTCCGCATTAGTCCCTTGTGGATGATGACGGCATCAAAGTGGTAAAAGTCA CATTTAATAAGCAAGACTCCCTTGAATTCTCACCATCATGGCCACCCTGAAAATCAGGA ACTCCAATTCTACACGGTGGCAGTGACCAGCCTGTCCAGCCAGATTAGTACATGAACA CAGTGGTCAGTACATATGTGACTACTAACGTCTCCCTTATCCACCTCGGAGTGAGCAAC TGGTGAATTTTACCGGGAAGGCCGAGATGGGAGGACCGTTTTCTATGTGTAATCTTCT GCACGGTACCTGAGATCCTGGTGCACAACATAGTATCTCATGCGAACTCAGTGAAGA TTTCATACATTGGCCTCATGACCAGAGCTCCTGGAGACCATCACTATGTGGATTGTGG AGGAAATCCACAGCTATTTAACAACCTGCTATTGTTTCTTACACAGCGCCTGTAGAAGAG AGCCAGCATATGTTCCCAAGGCCTGAGTCTGC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024056 unedited TTGGACGCGGCCCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTGAATCAAAAGCAGG GTTATTTTTTCTATCAAATCCCAATCCATGTTCCAGCCAATGGATGAAGGGTGAATCAA GCCCCACATAGACTCTTGGTAAAAACAATTCTAACTTTCTAAAAAAGCCAAAC ACACTTTTTCTTTCTTTTCAAAAAGCTCCCAGGCCTTTGGGAACAGCTGAAACAATTC ATATCTGACTAGGTCTGTTTTCTTTAGGTATTTGGATGGTCCCTCTCTGCTGCGACTT CTGCACAGATGAGGCACGTGATAATGGCCTGCAGGTCACATCACAATCCTAGCTCCACATCA CTCCATGGTTTGATAACCTAGAACCACGTTATGATTTCCATTTATAATGCCTAAGAACA GCTGAAAAGATCTGTATTAATCTGCAAACTTTATTGAGTGCCAACTATTTGCTGGGC ACAGGCTAGGCACTGATTCTGCTGGTTCTGAGAAACATAAATGGTACCATAGGGAGGTGT TTCCTCTAAGTGGCAGGAGGATGTTTGGTGGGAGTTAAGTGAACCAATTCCTCTCTGC TTACACCACGTGGGGTAGGTCCAGAACTCAAGCCTTGGGAACATATGCTGTGCTCTCTT CTACAGGCGCTGTGTGGAAGAACCAATAGCAGCTGTTAAATAGCTGTGAAATTCCTCCA CATCCACATAATGATGTGTCTCCAGGAGCTCTGGGTCATGAGGCCATGTATGAAATCTTA CTGAAGTTCGCATGAAGACACTATGTTGTGACCAGGATCTCAGTACCGGGCAAAGAAGTC CCATGGAAAACGTCCTCCATCTGGGCCTTCCGGAAATTCACCGTTGCTACCTCGAGGTGG ATAAGGAGACTTAGAGCCATAGGCCTGACCCGTGTAAGTCCGATTTGGTGCAGGC
Restriction Sites:	NotI-NotI
ACCN:	NM_024056
Insert Size:	1540 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_024056.2](#), [NP_076961.1](#)

RefSeq Size: 1449 bp

RefSeq ORF: 753 bp

Locus ID: 79022

UniProt ID: [Q9BVX2](#)

Cytogenetics: 12q13.11

Protein Families: Transmembrane