

Product datasheet for **SC106569**

TMEM133 (NM_032021) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM133 (NM_032021) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM133
Synonyms:	AD031
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106569 sequence for NM_032021 edited (data generated by NextGen Sequencing) ATGACCTCACATCACTGCGTAGGACCCGGAATCACATCTCCTGGTCAGGTCACGAAAAA GAACACAGGCTTGACTATTGTCCAGAAGTTACTTTCCCTTGACTAAAGGTTTCCCTTA GGGTACACATTGCTATTTAACTTTGCCTCCTACCCTTTTTGTTACCTTCCAAAATCAAG ACACTTTTAAGAAACAAAGATAGTTTTCTGAACATTCTGTGCTCCTGTCTCCTGTTG ATTCGAGATGTAATATCGAGTATTCATCAACTGGTCTCAATTTCTGAACACATTCCT GTATCCCTCATTGTCACCGTTATCCCCCTGCTTCAAAATGTGCCAGTTCCACTTGGTAAT AACGTTGGGAAAATGCAGGTTTATGAATGA

Clone variation with respect to NM_032021.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032021 unedited
 TGGATTTTGTAAACGACTTACTATTAGGGCGGCCGGAATTCGCACGAGGGAGTGGTTT
 TGCTTGTTGCATGGGTTCCCTGTGCTTTGTAACCTGCATGAACACAACAGGTTTCTCAA
 CAATGATTTGTCTGCTGACTCTTTTCAGAGATAGTGGAGGAAAAAATGTATTAACC
 CCAATTATCTAGGTTTCCAAGTAGGAAAAATAAGATACATATGACTTTTATTATTATT
 CGATGATAATTAGCTTTATATAATGTGGCATCCTTCATAAAAAATCACTATGTTGTGAGG
 CAAACAGATTTTCACTATCATCCAGTGTACCCTGCTCACCTTCTCACTCCTAGCACCGT
 TCTTCTGGTCTGTGTTGAAAAGGTATCATTTCATGTGGTTTCAGTTTGAAGAGTCCCTC
 AGAGCTTTGCCTCAAGCAATTTCAAATTGTAGTGATACCTTAAATCATGTATTCAAGGATG
 CCTTCTTTAGCATTTAGAACCCCACTAGACTTATACTTTGACTAAAGTCAGAGGCAGAC
 CAATTTAGGGAACAGATTTTGTCTTTGCTTTTATGATACATTTGTAACCTCACAGCTGTT
 AGCATGACCTCACATCACTGCGTAGGACCCGGAATCACATCTCCTGGTCAGGTCACGAA
 AAAGAACACAGGCTTACTATTGTCCAGAAGTTACTTTCCCTTGACTAAAGGTTTCCCC
 TTTAGGTACACATTGCTATTTAACTTTGCCTCCTACCCTTTTTTGTACCTTCCAAATC
 AAGACACTTNTTAGAAACAAAGATAGTTNTCTGAACATTCTGTGCCTGCCTGTCTNCTG
 TTGATTCGAGATGTAATATCGAGTATTCACTCACTGGTCTCAATTTCTGACACATTCA
 CTGTATNCTCATTGTCACCGTTATCCCCTGCTTCAAATGTGCCAGTCCACTGGTNNATA
 CGTGGAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032021 unedited
 CTTGTACGCGGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTCTGCTTACAAAGTT
 TATTTTTAAAGTAATTTAAACACAGTGAACCATACATTAATAATTTGTGGCAATTTA
 GATTAGGAATAAACATGAGGTTATTTACATGTTGGCATATGTATGTGTATATATACAC
 AAAGTGCAGATAAATACAGAACTACAAAATAAACAAAAAATCAATGATAATTTATGG
 ACAATCACTTTTATTTTATTACTTAATTTGTCATGTTAATGACTGCAAAGAAGCTCCTA
 GTACTGAAATATAATATCTTAACATCCGACTTTTATATAAACTATAGTACCTCAAATTTT
 AACAGTATATAAATAGGGTTCTGAATTAACCAAGGAGTGTCTTCCCTGCCAAATTCCT
 ATTTGTTAAGGTTTCAGCTCAGAAATCAAGAAGGACTCTGAAAATCCCAACCTTTGATAT
 GTGGTGGTATATTGGATTTAAGCATCAATCATGTGCAGACAGTGTCTTAGACCAAGTTC
 CTGTGGGGATCGTTCTCTGCAAAAAGGAGGCAGTTGAGGGTACACGGGCAGATATAAAGC
 CTCAAAAATGCTGCCATATAGAGATTAAGGTGTGCATTTTATATATATATATATATATG
 CTGCCATATAGAGATTAAGGTGTGCATTTTATATAAAATGCATCTTTATATAAAATGC
 ACATTTTAAATTTANTAGACTGAGNTAATTCAAGGCANAATTTGAGTGTTGTCAACTCTG
 GATGCAAAACACCATGGAACACTCATGAAAGAGGCAGATGTCCCAAGGGAGAAAGGN
 TATTCTACTGAGGAGTTTGACACTTTAACCCCTTGCTTCTACACACTTAAGTTTCCAAA
 TAGCCGGTACACAGCATTTGAATGTGGAAGATTTTATGATGCAGTAAATGAAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_032021

Insert Size:

1960 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_032021.2, NP_114410.1</u>
RefSeq Size:	1866 bp
RefSeq ORF:	390 bp
Locus ID:	83935
Cytogenetics:	11q22.1
Protein Families:	Transmembrane
Gene Summary:	There is evidence that this intronless gene is transcribed but the protein is predicted. The gene function is unknown. [provided by RefSeq, Jul 2008]