

Product datasheet for **SC103136**

TMEM209 (NM_032842) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM209 (NM_032842) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM209
Synonyms:	NET31
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_032842, the custom clone sequence may differ by one or more nucleotides

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ATGATGCAGGGGGAGGCACACCCTAGTGCTCCCTTATTGACAGAACCATCAAGATGAGAAAAGAAACAG
AGGCTAGGAAAGTGGTCTTAGCCTGGGGACTCCTAAATGTATCTATGGCTGGAATGATATATACTGAAAT
GACTGGAAAATTGATTAGTTTCACTACTACAATGTGACATACTGGCCCTCTGGTATATTGAGCTTGCCCTT
GCATCTCTTTCAGCCTTAATGCCTTATTTGATTTTTGGAGATATTTCAAATATACTGTGGCACCACAA
GTCTGGTTGTTAGTCTGGACAGCAAACACTTTTAGGGTTGAAAACAGCTGTTGTACAGACTACGCCTCC
ACATGATCTGGCAGCAACCCAAATCCCTCCCGCTCCACCTTCCCCTTCAATTCAGGGTCAGAGTGTGTTG
AGTTATAGCCCTTCTCGTTCGCCAGTACCAGTCCCAAGTTCACCACCAGCTGTATGACTGGTTACAGCC
CTCAGCTGCAAGGTCTGTCTCAGGTGGCAGTGGTTCTTATAGCCCTGGAGTGACCTACTCGCCCGTCAG
TGGTTATAATAAGTTGGCGAGCTTAGCCCTCTCCTCCTTCCCGTACCCTACCCTGTTGGACCAGTG
GAGAGCAGTGGATTGAGATCTCGCTACCGTTCTCACCTACCGTCTACAACCTCACCTACTGACAAAGAAG
ACTACATGACCGACTACGAACTTTGGATACTTTTCTCAGAAGTGAAGAGGAGAAAACAGCATAGGGTTAA
GCTGGGGAGCCCAGATTCTACCTCTCCTCCAGCAGTCCACTTTCTGGAACATATAGTCGTTCTATGGGG
GATTATGCACAACTTTAAAGAAGTTTTCAGTATCAGCTTGCCGTAGGTCTCAGGCCCATGTGCTAACA
AAGATGAAGCCGATCTCAGCTCTAAACAAGCCGACAGAAGAGGTCTGGGCAAGAGTGGCTATGAATAGACA
ACTTCTTGATCATATGGATTCAATGGACAGCTAAATTTAGAAAATTGGATCAATGAGACAATATTAGTGCCA
CTTGTTCAAGAGATTGAGTCTGTGACGACACAGATGAGACGAATGGGTTGTCCAGAGCTACAGATAGGAG
AGGCTAGTATTACTAGCTTGAACAAGCTGCCCTGGTTAAAGCGCCTCTCATTCCGACTTTGAACACAAT
CGTTGATCTAGACCTTACTCCAATCAGGAATACTGTTTGAAGGATCAAAGAACAATCTCAGGGA
GGTTGTATGAGCTCATTTCGATGGAACAGAGGTGGCGACTTCAAAGGACGAAAAGTGGGATACAGACTGC
CCACCGATTCTGCTATCATGCATGTATTTTGACCTACCTTGATTCCAGATTACCTCCACATCCGAA
GTATCCCAGCGGAAAACTTTTACTTCTCAGCACTTTGTTTCAGACACCAATAAACCCAGATGTTACAAT
GAGAATGTTTTTGCATTATCAGAGTGTATCAACCCTCCCATTATGAGCTCATCTACCAGCGTCATG
TATACAACCTGCCAAAGGGCAGAAATAATGTTTCATACATTGTTGATGTTTCTCTACATCATAAAGAC
CAAAGAGTCAGGAATGCTTGGGAGAGTTAATCTTGGTCTATCTGGTGTGAATATATTGTGGATCTTGGC
GAGTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032842 unedited

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TTCTTACCCCCGCCGTTGNCGTAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATA
AGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGCC
GCGAATTCGGCAGGAGGGGCACACCCTAGTGCTCCCTTATTGACAGAACCATCAAGATG
AGAAAAGAAACAGAGGCTAGGAAAGTGGTCTTAGCCTGGGGACTCCTAAATGTATCTATG
GCTGGAATGATATATACTGAAATGACTGGAAAATTGATTAGTTCACTACTACAATGTGACA
TACTGGCCCTCTGGTATATTGAGCTTGCCTTGATCTCTTTCAGCCTTAATGCCTTA
TTTTGATTTTTGGAGATATTTCAAATATACTGTGGCACCACAAAGTCTGGTTGTTAGTCTT
GGACAGCAAAACACTTTTAGGGTTGAAAACAGCTGTTGTACAGACTACGCCTCCACATGAT
CTGGCAGCAACCCANATCCCTCCCGCTCCACCTTCCCCTTCAATTCAGGGTCAGAGTGTG
TTGAGTTATAGCCCTTCTCGTTCGCCAGTACCAGTCCCAAGTTCACCACCAGCTGTATG
ACTGGTTACAGCCCTCAGCTGCAAGGTCTGTCTCANGTGGCAGTGGTTCTTATAGCCCT
GGAGTGACCTACTCGCCCGTCAGTGGTTATAATAAGTTGGCGAGCTTTAGCCCCCTCTCT
CCTTCTCCGTACCCTACCCTGGTGGACCAGTGGAGAGCANTGGATTGAGATCTCGCTAC
CGTTTCTTANCTACCGTCTACAATCAACTACTGACAAGGAGAAGTACTGACCCGACTACG
AACTTTGGATACTTTTTCTCAGAGTGAAGAAGGAGAACAGCCTAGGGTTAACTGGGGAG
CCCAGAATTTACCTTTCCCTTCAGCAGT
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_032842

Insert Size:	3500 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:	<ol style="list-style-type: none">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_032842.2</u> , <u>NP_116231.2</u>
RefSeq Size:	3356 bp
RefSeq ORF:	1686 bp
Locus ID:	84928
UniProt ID:	<u>Q96SK2</u>
Cytogenetics:	7q32.2
Protein Families:	Transmembrane