

Product datasheet for **SC105875**

TMEM68 (AL832935) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM68 (AL832935) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM68
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AL832935, the custom clone sequence may differ by one or more nucleotides

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GGAAACAGTGGCAACTCTGTGGGATGGACATGCAGCCGTTTGGCATGGTTATGAAGTTCATGGAATGGA
AAAAATACCAGAAGATGGACCAGCACTTATAATTTTTATCATGGAGCTATTCTATAGATTTTACTAT
TTCATGGCTAAAATATTTATACACAAAGGCAGAACTTGCCGAGTAGTAGCTGATCACTTTGTCTTTAAAA
TTCCAGGGTTTAGTTTATTACTGGATGTGTTTTGTGCTCTACATGGACCAAGAGAAAAATGTGTTGAAAT
TCTGAGGAGTGGCCACTTGTTAGCTATCTCACCAGGTGGAGTTCGAGAAGCCCTAATTAGTGATGAAACT
TATAACATCGTATGGGGTCATCGCAGAGGCTTTGCTCAGGTTGCAATTGATGCAAAAGTGCCATTATTC
CTATGTTTACACAAAATATTCGAGAAGGATTTAGATCACTTGGAGGAACAAGGTTATTTAGTGCGCTTTA
TGAAAAATTCGCTATCCATTTGCTCCAATGTATGGAGGTTTTCCAGTGAAGTTACGGACCTATTTAGGC
GACCCCATTCGCTATGACCCACAGATAACAGCGGAAGAATTAGCTGAAAAGACGAAGAATGCTGTTCAAG
CTTTGATTGATAAGCACCAAGAATACCAGGAAACATTATGAGTGCTTTGTTAGAACGTTTTTCATTGATA
ACAAAGGGTCACTAGAAGATGATTTAGTACATTTATATTAATGTTTGTATCTAAGGTACTGTCTCTG
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TTCTTTAAATAGTCAATTTTGTGTTTGAATTTGTGCAATACTAACAATTACACACCTAGTAATTCA
GAAAAAGATGTCTTATTTGTAAATTCCTAACAATTTATGCTAAACATATAGATTCTTAAGTTTATTAATA
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TTTTGAAAGATGGTATAAGCTAGGGGTTAGTATAGTTGTTTAAAGTTAGAAAAACATGCTGTTGTCTGCC
CCTCATTCCTTCATGACCTTGGGCAAGTCACGTAATGTTTTTGTGCTCAACAATTCACTTTTTAAAAA
CATGATCGTATGATGAATGATATTATTTGTTATTTATTTACTGTGATTGATAACTGTTGAACCAAAA
TAATAAAATAATTAATTTAAACAATGTCAAAATCCTTTAGCAGTTATGTATATTTTCTCCATTGTGTG
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ATTGAGGCTTACCCAGTTTGACTCTACAGCTAGTGAAGTGGTTTATTGCTTCAATAAAAAATATACTTGAA
TGATGAATTTATTTATGTTTGTGTTTATTTAGAGATGGGGTTTGCCATGTTGGCCAGGCTGGT
CTCGAACTCCTGACCTCAGGTGATCCACCTGCCTCAGCCTCCCACTTGCTGGGATTACAGGTGTGAGCC
ACCATGCCAGCCTGAATGATGAATTTATGTGAACACAAAGCCCTCTGAAAAATTAATGATTTTCAATTT
GTTGTCTTCTGAAAACGAATTTAAGTATTATTTAAACAGAAAAGTGTGAGAAATCAAATGCAGTATCT
CCCTCTCCCTTTTTTAAATGTTGAATTAGTAGGGTTTTGTATAGCTTTTGTATTGTGTGATTATGATGA
TATGTGAATGTACATAAAATTAACAATGTGAAAATGAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for AL832935 unedited
 TGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGTCTGATTCC
 ATACTCGAAGAAGGTTTGGTGTGGAGCAGTTGGAGGACTATTTGAATTTTGCAAATATC
 TCTTGTGGGTTTTACACCACTAATACTTTAATACTTCCTTACTTTACTATCTTTCTTC
 TCTACCTTACTATTATTTCTTACACATTTATAAGAGAAAAGATGATTGAAAGAAGCCT
 ACTCTCATAATTTATGGGATGGTCAAGGAAAACAGTGGCAACTCTGTGGGATGGACATG
 CAGCCGTTTGGCATGGTTATGAAGTTCATGGAATGGAAAAATACCAGAAGATGGACCAG
 CACTTATAATTTTTTATCATGGAGCTATTCTATAGATTTTTACTATTTTCATGGCTAAAA
 TATTTATACACAAAGGCAGAACTTGCCGAGTAGTAGCTGATCACTTTGTCTTTAAATTC
 CAGGGTTTAGTTTATTACTGGATGTGTTTTGTGCTCTACATGGACCAAGAGAAAAATGTG
 TTGAAATCTGAGGAGTGGCCACTTGTTAGCTATCTACCAGGTGGAGTTCGAGAAGCCC
 TAATTAGTGATGAAACTTATAACATCGTATGGGGTCATCGCAGAGGCTTTGCTCAGGTTG
 CAATTGATGCAAAAGTGGCCATTATTCCTATGTTTACACAAAATATTCGAGAAAGATNTA
 GATCACTTGGAGGAACAANGTTATNTTANNGTGGCTTTATGAAAAAATCCGCTATCCAT
 TTGCTNCCATGTATGGNAGGNNTNTNACAGTGAAGTACCGACCTATNTANGCGACCCCA
 TTNCGTATGACCCACAGATNNACAGCGGAAGAATTAGCTGAAAAGAGAAAAAATGCTGTC
 AAGCTTTGATTGATAGCACCAAGAATACCAGAACATTATGAGTGCTTTGTAGAACGTTT
 CATTGATACAAA

3' Read Nucleotide Sequence:

>OriGene 3' read for AL832935 unedited
 NTATTAGCTTGNACCGCGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTTT
 TTTATTTTACATTGTTTAATTTTATGTACATTTACATATCATAAATACACACAATACA
 AAAAGCTATACAAAAACCTACTAATTCAACATTTAAAAAAGGGAGAGGAGATACTGCA
 TTTGATTTCTGACACTTTTCTGTTTAAATAACTTAAATTCAGTTTTCAAGAAGACAAC
 AAATTGAAAAATCATTAATTTTTTCAAGGGCTTTGTGTTACATAAATTCATTCATTAGGC
 TGGGCATGGTGGCTCACACCTGTAATCCAGCAAGTTGGGAGGCTGAGGCAGGTGGATCA
 CCTGAGGTCAGGAGTTCGAGACCAGCCTGGCCAACATGGCAAAACCCATCTCTAAATAA
 AAACAAAAACAAACATAAATAAATTCATCATTCAAGTATATTTTTATTGAAGCAATAAAC
 CACTTCACTAGCTGTAGAGTCAAACCTGGTAAGCCTCAATATTGAGCAAAAGTAGAGAAC
 TCTTGCTTTCTCAGCCTAGAATCAGCTTCTAACACACGAAATGCAGAGCACACAGTGA
 TTTTAAAGCTGGCATTATTAAGACCACAGTATAGGGCTGACAATGCACAGCACACCTAT
 ATTGTTTGCTATAGACTCTTGTTAAAAATATCATACTAAAAATAATAATTAGAAATTTT
 ATTTTTCTAATTTTTTATTCAATTTAAAAAATAATACATCTTTTTCATTGTGCTTGGCA
 ACTGGACATGACAATTTANACACACAATGGAGAAAATATATACATAACTGCTAAAGGATT
 TTGACATTGTTTAAATAAAATTATTTATTTTGGNTCACAGTTATCAATCACGTAAATA
 AANTAACAAATATT

Restriction Sites:

NotI-NotI

ACCN:

AL832935

Insert Size:

2500 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: [AL832935.1](#), [CAH56335.1](#)

RefSeq Size: 2084 bp

RefSeq ORF: 2084 bp

Locus ID: 137695

Cytogenetics: 8q12.1

Domains: Acyltransferase

Protein Families: Transmembrane