

Product datasheet for **SC324111**

TMEM200A (NM_052913) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM200A (NM_052913) Human Untagged Clone
Tag:	Tag Free
Symbol:	TMEM200A
Synonyms:	KIAA1913; TTMA; TTMC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_052913.2
 GTGAGACCAGGACTGAGAACAGGGAGAGGCGACCCGACCCCGAGGCCCGGTGCTCAGGA
 CAGCACACAGAGCCGCTGAAAACGACTGAAGAGAGCAAGGGATTTCCTGGGACATCTGGC
 TCTGGAGAGTAAAAGGCCAAGCTATGATAGCAACTGGTGGAGTGATAACTGGCCTGGCCG
 CCTGAAAAGGCAAGACTCTGCCAGATCACAGCAGCATGTCAACCTCAGCCCGTCTCCTG
 CTACCCAAGAGAAGAAGCCATCAGGCGCCGGCCCGGGCAGATGTTGTGGTTGTTTCGTG
 GCAAAATCCGGCTTTATCCCATCTGGTTTTTTTTCTTATTTTAGGAGTGCTCATCTCCA
 TTATAGGAATTGCCATGGCCGTTCTTGGATATTGGCCCCAAAAGAACATTTTATTGATG
 CTGAAACAACACTGTCAACAAATGAACTCAGGTCATTCCGAATGAAGGCGGTGTGGTGG
 TTCGCTTCTTTGAGCAGCATTTCATTCTGATAAGATGAAAATGCTTGGCCCGTTACCA
 TGGGGATTGGCATTTCATTTTCATTTGTGCTAATGCCATTCTTCATGAAAACCGTGACA
 AAGAGACCAAAATCATACACATGAGGGATATCTATTCCACAGTCATTGACATTCACACGC
 TAAGAATCAAGGAGCAAAGGCAAATGAACGGCATGTACACTGGTTTGATGGGAGAAAACAG
 AAGTAAAACAGAAATGGGAGCTCCTGTGCCTCGAGATTGGCAGCAAATACGATCGCCTCTT
 TCTCGGGTTTTTCGGAGCAGTTTTCGAATGGACAGCTCCGTGGAGGAGGATGAACCTATGT
 TAAATGAAGGTAAGAGTTCTGGGCATCTTATGCCCTTTGCTCTCTGACAGCTCTGTGT
 CTGTCTTTGGCCTCTATCCACCTCCTTCCAAGACAAGTATGATAAAGACCAGCGGCTCTA
 AGAAATGTGAAACCAAGTCAATTGTGTGCATCGTCCATCAGTGCCTTTACATTGCCTGTGA
 TCAAACCTAATAACTGTGTTATTGATGAGCCAGTATAGATAACATCACTGAAGATGCTG
 ACAACCTCAAAAGTAGGTCAAGGAATTTGTCAATGGATTCCCTTTGTGGTTCCCTTTGCCCA
 ACACCAGTGAATCCTTCCAGCCCGTCAGCACAGTGTACCAAGGAATAATTCCATTGGGG
 AGTCGTTGTGCGAGTCAGTACAAGTCATCTATGGCTCTCGGACCTGGGGCTGGACAGCTCT
 TGTCTCTGGGGCTGCCAGAAGACAGTTTGGGTCCAATACATCCTTGCATTTGCTCTCGT
 CAACTCAAAGTCCTTGGACTTAGACCGGGTCCCTCCACTCTAACTGTTGAGGCAGAAC
 AACGGAAACATCCAAGTTGGCCTAGGTTGGATCGGAACAACAGCAAGGGATATATGAAAC
 TAGAGAACAAAGAAGACCCGATGGATAGGTTGCTTGTGCCCAAGTTGCCATCAAAAAGG
 ACTTTACCAATAAGGAGAAGCTTCTTATGATTTCAAGATCTACAATAATTTGAGTTTTG



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AACATGATGAGTTTTTGAGTAACAACCTAAAGAGGGGAACCTTCTGAAACAAGGTTTTAAT
 GTTAAAAGAATATATCATTTTACAAGGGTATATATTTTAAAACGATTTTCACTGGTGTTT
 CCTTCTTAAAGTATTGGCTGTAAGCCTTTTTAATCAAATGGTTTGTAGTGATTAGAATT
 GGCTGCTTAGTCTGTAATGAAGATGGTTGTATGTTTGGGTTACTTGTGACTGCAGTACT
 CTATGTTACCACACATGATTTTTATTTTCTCTTCTTTGAAAGCATGATCTCTTTATTA
 ATATGAATGCAAAATGCTTGCATCCAAATTAAGCTTATTTTCTTACTTTTAAGTTCTT
 TGATTGCCCTATTCATAAAATGAAATGTCCAGTATGAAAAACATAGGGTACCAAAGTGTG
 GACCAGGAGTACAAATTCAGTCCCAATACTCAATACGTATTATAGATGACTATGAGTGCA
 AACCTTAGGATGTGATTTTCTGAATAATTGTTCTTTGTAGGATTTGGTTACATTATTTAA
 AATGAAAAAGATCTAGTTTTAGTGTGAGCTCAGTAATGTTAATTGGTTAAGTTCATTGTG
 AATCTTGAGTTTTAGATAAGTAGTTATTTTTTCAATCACTTCTGTTTTTAGTGATAT
 TATATCAAGAAACAACGTATTCAAGAGCCATGGCTGACAGTGCCAGATATACTTAGGGAT
 AAACATCAAAATGCAATTATAGTTGCTATAACGTTAGATACTCGGAATCAAAATTTATTT
 GCAAGCTGACTTGATAAACTAAATGAACCAATAAAATTTGTAGAAATGCTATCCTGAAAT
 AATTATATACATGAAGACAATGTTGACTAATGAATTAAGATACATTATATACTAGTTAAT
 GCTAACTAGTCTCAGTACCTGTTTTAGCCATCTGTTACTGTCCAATAGCACCTCATTCC
 CACATTCTATTTTCCCCGGTATTCTTTAGATCCTAGTATTTGGAAAAACATCGGCTAAC
 CTTGACATTTCTTTTACCTTCATATGCCACTATCTCGGTAGTTCAAAAAATTTAAATT
 CTTGATAAATTGCCTTGAAGTTTACCTTGTGCTGGAGAGCCTTATGATAACTCCAAGAC
 TTTCTTACGGTATAATACATGTTGTTTAGGATTGTGTTTCTTAGTCACTGAAGATAATAA
 ATATTAATGGATGTTTTCATCAGAAAATTTTCATGTTTCTTTAAGGTAACATAATT
 GTAAGAATTGTTAATAAAATACTCAGGAAATTTCTAAAGTTTCTCCTAATACCTAAACA
 TTTCTGAACATCAGTATTGCAGTTGTGGAAGAGCAGAAGGAGGATACATTTGTTGTGTT
 GCTCCCCAAAATTCACCTTGCAATTTGCATCACAAACTTCCCTCAATTGAGGCAGTTTTTC
 TTTGTTAGAACATTAAGTCTGTGATTGTAATAGAGTGGGCTCAATATTTTACTATAAAG
 CATTTAATAAACTGTTATTAATAGAAAAA

Restriction Sites:

ECoRI-NOT

ACCN:

NM_052913

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).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_052913.2](#), [NP_443145.1](#)

RefSeq Size: 5042 bp
RefSeq ORF: 1476 bp
Locus ID: 114801
UniProt ID: [Q86VY9](#)
Cytogenetics: 6q23.1
Protein Families: Transmembrane