

Product datasheet for **MC221684**

Tmem63c (NM_172583) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem63c (NM_172583) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem63c
Synonyms:	4932420N09; 9330187M14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221684 representing NM_172583
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCTTTCCAGACAGCATGGACCAGAAGTTTCATAACATGACGGTGAATGAGTGCTTCCAGTCCG
 GGAGCACTGTCTCCAGGGCAGCCCTTTGGGGGATCCCACCGTGCTGTAACATCATCTTATG
 GGTGTTCTGTCTGCTTTATTCTTCTCCGAAAGCTGCGTGGGACTACGGGAGGCTGGCACTGCTG
 ATACACAACGACAGCCTGACCTCACTGATCTACGGGGAGCAAAGTGAGAAGTCATCTCCGTGAGAGTTT
 CCTTGGAGGCGGAACGCAGGGACAGGGCTTCTTCTGCTTCTTCAACAGCCTAACCTGAGGGACCG
 GGACCTGATCAACAAATGCGGGGATGATGCGGGAATTTACATCACGTTCCAGTATCACCTCATCATCTTT
 GTGCTCATCTCTGCATCCCTCCCTGGGCATCATTTTGCCTGTTAACTACATTGGAAGTGTCTGGACT
 GGAACAGTCACCTTGGCCGGACCACCATTGTCAATGTCTACAGAGAGCAAGTTCCTGTGGCTGCATAG
 CCTCTTCGCGTCTTGTACTTCCATCAACCTTGCCTTTCATGGGTCACTACTGCTTGGGATTTGTGCCA
 AAGAAGAGCCTCCACTTACAGAGACACTGATGATCACCTATGTACCCACTGAAATCCAGGATCCCAGAG
 TCATCAGCAAGCACTTCCATGAGGCCTATCCTGGATGTGTGGTGACCAGAGTCCATTTCTGCTATGATGT
 CAGGAACCTGATTGACTTGGATGATCAAAGCGCCATGCCATGCGGGGACAGGCTCTACTACACGGCCAAG
 GCTAAGAAGACTGGGAAGGTCAATGATCAAGACACATCCCTGTTCCCGCCTGTGCTTCTGCAAATGTTGGA
 CCTGCTTCAAGGAGGTAGATGCGGAGCAGTACTACAGTGAAGTGGAGGAGCAGCTGACAGACGAGTTCAA
 TGCTGAGCTTAATCGTGTCCAGTGAAGAGGCTTGACCTGATCTTGTACCTTCCAGGATGCCAGGACA
 GTGAGAGCATCATGATGATTACAAGTACATCCATTGTGGTAGACACCCCAAGCAGTCTTCAGTCACGA
 CCATCGTCAAAAACCTACCCTGGAGGGTGTCTCATGCCCCACCCCAAGACATCATGGAAGCACCT
 GTCCATCCGCGCTTCAGTTGGTGGACTCGCTTTATCGCCATCAATACCTTCTGTTCTTCTCTTCTTCT
 TTTCTACCACACCTGCCATCATCATCAACACCATCGACATATAAATGTACCCGCCCCATTGAGAAAT
 TGCAGAGCCCAATCGTGACTCAGTTCTTCCCTCTGACTGCTCTGGGCCTTCACTGTGACAATGCCTCT
 GCTGGTCTACTTATCGGCCTTCTAGAGGCCCACTGGACAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAG
 AAATGCTACATCTTCTGGTGTATGTTGGTGTCTTCTTCCCTCCATGGGGCTGACCAGTCTGCATGTGT
 TTTTACGATGGCTCTTTGACATCTACTATCTTGAACATGCGACCATCAGGTTCCAGTGCCTGTTCTCTCC
 AGACAATGGTGCATTCTCATCAACTACGTGATCACAGCGGCTCTGCTTGGGACAGGCATGGAGCTGATG
 CGCTGGGGTCACTCTGCACATATTGTACCCGCTCTTCTTATCCAAATCAGAGCCAGAAAGAGTTCACA
 TCAGAAAGAACCAAGCCACAGATTTCCAGTTTGGACGAGAGTATGCATGGATGTTGAACGCTTCCAGCGT
 GGTGATGGCGTATAGCATCACTTGCCTATCATTGTCCTGTTGGGCTGTGATCTGTGCATGAAGCAC
 ATTACAGACCGCTATAACATGTACTACTCTACGCGCCCACTCAACGCGCAGATCCACATGGCCG
 CAGTCTACCAGGCCATTTTGGCCCACTTGGGGCTCTTCTGGATGCTCTTCTTCTCCATCCTGCGAGT
 AGGTTCCCTCCACAGCATCACCTTATTCTCCATGTCTTCCCTCATCATCTCCGTGGTCAATGCCTTTTCT
 GGTGTTTTTCTGGGAAGCTCCGGATTGCCAACGGTATGAGCAGCCTGAGGAAGAAACAGAGACTGTGT
 TTGATGTGGAACCAAGCAGCACCTCCACTCCACCTCCCTTCTGTACGTGGCCACCGTGTACAGGA
 GCCAGAGCTGAACCTGACCCCGCTCTCCCGCCGCGCACACCTATGGCACCATCAACAGCCAGCCA
 GAAGAGGAGAAGAAGAGAGCGGTCTGAGGGCTTTGCAAGGGAGCTGGACTCAGCCAGTTCAGGAAG
 GGCTGAAATGGAGGCCAGAGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_172583
Insert Size: 2409 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:	NM_172583.2 , NP_766171.1
RefSeq Size:	3369 bp
RefSeq ORF:	2409 bp
Locus ID:	217733
UniProt ID:	Q8CBX0
Cytogenetics:	12 D2
Gene Summary:	Acts as an osmosensitive calcium-permeable cation channel.[UniProtKB/Swiss-Prot Function]