

Product datasheet for **MC203295**

Tmc6 (NM_145439) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmc6 (NM_145439) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmc6
Synonyms:	D11Ertd204e; EVER1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058195
 CTTAATTAAGTGTGCTGATTCTCTGCTGGTGGGGCTGAGACCTCGGTTCCCCGCGGGGTGCGCGCA
 CAGATGGGCTGTATGGGGTTCCACAGGCTGCGTCCAGTCTCTGAGCTCCCCTAGGTCTGCAGGGTATAGC
 ACAGCCATGGCTCAGTCACTGGCTTTAGCCCTCGATGTCCCGGAGACCACGGGAGACGAAGGCTGGAGC
 CCAGCCCTATGAAGAAAGTGAAGTCCATGACTCCTTCCACCAGTCAATCAAGAGCAAAGCCTTCGGGT
 GGCGGAGGAGGGCTGGAGCTACTGCCCTTGGTCTAGGCAGAGGTGACCAGACCCTCCAGGATTGAA
 GGTGCTCTGCCCTTAGCTCGGCCACTCCGCATCCTGGCCAGCATGCCAGCCGTACCATTGGTCGCA
 GCCGTGGGGCCATCATCTCCAATACTACAACCGCACAGTGAGGCTTCGGCGCAGGAGCAGCCGGCCCTT
 GCTGGGCAATGTGGTGCCTCTGCCCGCCAGCCTTCGCCTGTATGACCTGGAGCTGGACTCCACAATC
 TTGGAGGAGGATGAGAAGCGGAGCCTGCTAGTAAAGGAGCTTCAAGGTCTGTGCGCGGCCAGAGGGACC
 ACATGGTGCAGAACATGCCCTTGAGTCTGGGTGAGAAGCGCTGTCTTCGAGAGAAAAGTTGGAGCCAAA
 GGGAAAGCGGGCACCTGCAGGTCGAAGCGGGCTTTCTCTGCTGTAGCCGGCTCAGATACACCTGC
 ATGCTGGCTTTCATAGCCTGGGCTGGCACTGCTCTCAGGCCTGTATGCTGCCAGGCCGTGGCGTATG
 CTCTGAAGCAGATCGGTGGCCAGTTTGGCTCCAGCGTCTCTCCTACTTCTCTTCTCAAGACCCTGTT
 GGCCTTCAACGCGCTGATGTTGCTGCCTTGGTGGCCTTCTCGTGGGTGTTGAGCTGCCTTCCACCT
 GACCCAGCAGGCCCGTGCCTACGTTTTCTGGTCTGGAACCTCTCACAGCGGGGGCCGGTTCACACACA
 CAGTTATGTAACCGCTACTACAGTAACAGCACGCTGAGCCCGTCATGTGATGCCCTCGGGAAGGTGG
 CAGTGCAGTCCCAGGCTGGGCAGCCTGCCCTATAACATGCCGCTGGCCTACCTTTCACAAATGGGGCC
 ACCTTCTTCTTACCTGCATCATTCTGGTATACAGCATGTCCACTCCTTTGGGAGAGCTACCGGGTTG
 GCAGTACCAAGGGTATCCATGCCCTTACGGTCTTCTGCTCCTGGGACTACAAGGTGACACAGAAGAGGGC
 TCCCCTGTCCAACAGGACAGCATCTGCACTCAGTGAAGGAGCTGTTGGCTGAATGGCACCTTCGAAAG
 CGCCCTCGGAGTGTGTGCGGGCAGCTGAGGCAGTCTGCTGTTCTAGGTCTGGGGTGGCTGCTGTGCTGG
 GCTCCACAATGGGCTGCACGGTGGCTGCTCACCTTCTCAGAGGTAATGATTGAGAGACCTTCTG
 TGGCCAGGGGGTGGAGGGTGGCCTTGGCCTTGGCCTGGTGGTCAAGTGCCTAACCTGGGTGCCTCCTACTG
 TTCCTGGTCTAGCCACTCTGGAGCGACATGACTCCCCTGTTGGAGGTATACATGGCCATCTGCAGGA
 ACCTCATCCTGAAGATGGCCGCTCCTGGGTGTGCTTTGCTACTGCTGGGCGCAGGGTGGCCACCT
 GCAGGGTCAAGTGTGGGAGGACTTTGTGGGCCAGGAGCTGACCCTTTCATGGTGGTGGATTTCATCTTC
 ATGCTCTGGACTCCCTTTTGGAGAGTTGGTGTGGAGGCTCATCTCAGAGAAGAAGCTCAAGAGGGGGC
 AGAAGCCTGAGTTTGACATTGCCAGGAATGTGCTGGACCTGATTTATGGACAGACTGACCTGGCTGGG
 CGTCTGTCTCACCGCTCCTGCCTGCAGTACAGATTCTCCGGTCTCTTCTTTCCACATCAAGAAG
 GCCAGCCTGATGGCCAATGCCAGGCACACCGCCGACCCTGGCTGGCCTGCACATGAGCACTGTCTTCC
 TCACCTTGCTCTGCTTCCGTCGTTCTGGGCGCTGCTGTTTTCTCTGCTATGCTGTCTGGCAGGTGAG
 GCCTCGAGCACTTGTGGCCCTTCCGGACTCTGAACACCATGTATGAAGCAGGCACGGTCTGGGTGCGT
 CGCCTGGAGCATGCAGGCTCCGGAGCCTCCTGGCTGCCCTGGCTGCACCACTTCTGGTGGAGAACA
 TCTTCTCTTCTGGCTTCCAGCCCTGCTGCTGGCTGTCATCTACTTCAACATCCAGGTGGTGAAGGACA
 AAGCTTCACTCTGTTTACGAGGAGGAGGAAAGGAGCAGGCTGGCAGAACCAGGACGCTACTGAACCAC
 CTGCCTGGCATGAGGATGGAGGGGACCAGAAGGAACCTGTAACCCCGGTCACCATGATCCTGCAAGCA
 GAGACTTGGACCTGAGATCCCCACAGGATGTGGCAGTAGAGTACTTCCATGAACTCTAGTTGGCATAG
 AGCAAGAATGTGGGATGTGGGACCCCTTCCCTGGTGGTGGTGTATCTACATAGCCCTGGGGTGTCTGCG
 ACTCTGTTGACCTGGCTGACCTTGAAGTCAAGATCCACCTGCTTCTCCCTTCCAAGTGTGAAACCAGA
 GGTGTGACCCCCCTATTAATGGGTTTTGCTACATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145439
Insert Size: 2433 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:	BC058195 , AAH58195
RefSeq Size:	2882 bp
RefSeq ORF:	2433 bp
Locus ID:	217353
UniProt ID:	Q7TN60
Cytogenetics:	11 82.96 cM
Gene Summary:	Probable ion channel.[UniProtKB/Swiss-Prot Function]