

Product datasheet for **MC200459**

Tmc6 (BC004840) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmc6 (BC004840) 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: >BC004840
 CTTAATTAAGTGTGCTGATTCTCTGCTGGTGGGGCTGAGACCTCGGTTCCCCGCGGGGTGCGCGCA
 CAGATGGGCTGTATGGGGTTCCACAGGCTGCGTCCAGTCTCTGAGTTCCTAGGTCTGCAGGGTATAGC
 ACAGCCATGGCTCAGTACTGGCTTTAGCCCTCGATGTCCCGGAGACCACGGGAGACGAAGGCTGGAGC
 CCAGCCCTATGAAGAAAGTGAAGTCCATGACTCCTTCCACCAGTCAATCAAGAGCAAAGCCTTCGGGT
 GGCGGAGGAGGGCTGGAGCTACTGCCCTTGGTCTAGGCAGAGTGACCAGACCCTCCAGGATTGAA
 GGTGCTCTGCCCTTAGCTCGGCCACTCCGCATCCTGGCCAGCATGCCAGCCGTACCATTGGTCGCA
 GCCGTGGGGCCATCATCTCCAATACTACAACCGCACAGTGAGGCTTCGGCGCAGGAGCAGCCGGCCCTT
 GCTGGGCAATGTGGTGCCTCTGCCCGCCAGCCTTCGCCTGTATGACCTGGAGCTGGACTCCACAATC
 TTGGAGGAGGATGAGAAGCGGAGTCTGCTAGTAAAGGAGCTTCAAGGTCTGTGCGCGGCCAGAGGGACC
 ACATGGTGCAGAACATGCCCTTGGTCTGGGTGAGAAGCGCTGTCTCGAGAGAAAAGTTGGAGCCAAA
 GGGAAAGCGGGCACCTGCAGGTCGAAGCGGGCCCTTCTCTGCTGTAGCCGGCTCAGATACACTGC
 ATGCTGGCTTTCATAGCCTGGGCTGGCACTGCTCTCAGGCCTGTATGCTGCCAGGCCGTGGCGTATG
 CTCTGAAGCAGATCGGTGGCCAGTTTGGCTCCAGCGTCTCTCCTACTTCTCTTCTCAAGACCCTGTT
 GGCCTTCAACGCGCTGATGTTGCTGCCTTGGTGGCCTTCTCGTGGGTGTTGAGCTGCCTTCCACCT
 GACCCAGCAGGCCCGTGCCTACGTTTTCTGGTCTGGAACCTCTCACAGCGGGGGCCGGTTCACACACA
 CAGTTATGTAACGGCTACTACAGTAACAGCACGCTGAGCCCGTCATGTGACGCCCTCGGGAAGTGG
 CCAGTGCAGTCCCAGGCTGGGCAGCCTGCCCTATAACATGCCGCTGGCCTACCTTTCACAAATGGGGCC
 ACCTTCTTCTTACCTGCATCATTCTGGTATACAGCATGTCCACTCCTTGGGGAGAGTACCAGGTTG
 GCAGTACCAAGGGTATCCATGCCCTTACGGTCTTCTGCTCCTGGGACTACAAGGTGACACAGAAGAGGGC
 TCCCCTGTCCAACAGGACAGCATCTGCACTCAGTGAAGGAGCTGTTGGCTGAATGGCACCTTCGAAAG
 CGCCCTCGGAGTGTGTGCGGGCAGCTGAGGCAGTCTGCTGTTCTAGGTCTGGGGTGGCTGCTGTGCTGG
 GCTCCACAATGGGCTGCACGGTGGCTGCTCACCTTCTCAGAGGTAATGATTGAGAGACCTTCTG
 TGGCCAGGGGTGGAGGGTGGCCTTGGCCTTGGCCTGGTGGTCAAGTGCCTAACCTGGGTGCCTCCTACTG
 TTCCTGGTCTAGCCACTCTGGAGCGACATGACTCCCCTGTTGGAGGTATACATGGCCATCTGCAGGA
 ACCTCATCCTGAAGATGGCCGCTCTGGGTGTGCTTTGCTACTGGTGGGCGCAGGGTGGCCACCT
 GCAGGGTCAAGTCTGGGAGGACTTTGGGGCCAGGAGCTGACCCTTTCATGGTGGTGGATTTCATCTTC
 ATGCTCTGGACTCCCTTTTGGAGAGTTGGTGTGGAGGCTCATCTCAGAGAAGAAGCTCAAGAGGGGGC
 AGAAGCCTGAGTTTGACATTGCCAGGAATGTGCTGGACCTGATTTATGGACAGACTGACCTGGCTGGG
 CGTCTGTTCTCACCGCTCCTGCCTGCAGTACAGATTCTCCGGTCTCTTCTTTCCACATCAAGAAG
 GCCAGCCTGATGGCCAATGCCAGGCACCACCGGACCCTGGCTGGCCTGCACATGAGCACTGTCTTCC
 TCACCTTGCTCTGCTTCCGTCGTTCTGGGCGCTGCTGTTTTCTCTGCTATGCTGTCTGGCAGGTGAG
 GCCTCGAGCACTTGTGGCCCTTCCGGACTCTGAACACCATGTATGAAGCAGGCACGGTCTGGGTGCGT
 CGCCTGGAGCATGCAGGCTCCGGAGCCTCCTGGTGCCTGGCTGCACCCTTCTGGTGGAGAACA
 TCTTCTCTTCTGGCTTCCAGCCCTGCTGCTGGCTGTCATCTACTTCAACATCCAGGTGGTAAAGGACA
 ACGGAAGGTCACTGCTGCTCAAGGAGCAGATCCGGAATGAAGGAGAGGACAAGATCTTCTGATCAAC
 AAGCTTCACTCTGTTTACGAGGAGGAGGAAAGGAGCAGGCTGGCAGAACCAGGATGCTACTGAACCAC
 CTGCCTGGCATGAGGATGGAGGGGACCAGAAGGAACCTGTAACCCCGGTCACCATGATCCTGCAAGCA
 GAGACTTGGACCTGAGATCCCCACAGGATGTGGCAGTAGAGTACTTCCATGAACTCTAGTTGGCATAG
 AGCAAGAATGTGGGATGTGGGACCCTTCCCTGGTGGTGGTGTATCTACATAGCCCTGGGGTGCCTGGC
 ACTCTGTTGACCTGGCTGACCTTGAAGTCAAGATCCACCTGCTTCTCCCTTCCAAGTGGTGAACCCAGA
 GGTGTGACCCCCCTATTAATGGGTTTTGCTACAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC004840
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:	BC004840 , AAH04840
RefSeq Size:	2848 bp
RefSeq ORF:	2433 bp
Locus ID:	217353
Cytogenetics:	11 82.96 cM
Gene Summary:	Probable ion channel.[UniProtKB/Swiss-Prot Function]