

Product datasheet for **MC221396**

Tmc8 (NM_001195088) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmc8 (NM_001195088) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmc8
Synonyms:	Ever2; EVIN2; mFLJ00400
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221396 representing NM_001195088
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAAAAGATTGTGTTTTCTAAAGCGTAAGGGCCAAGGTGGAGCTCCTGCGAGCAAGGATCTTGCC
 GTCTGTCCCGCGGCCACTGGGATGTTTCGCCAGTGGTCGGTGCAGTCAGGACCAGCCCCAGAAAGGCC
 TGAATCCAGGGCGCCTCGGAGGAGCTGTGGGAGCAAGAAGTGGAGCGGCTATGCCCTCCCGGACGCC
 GTGCGGATGCTGCCTTACGCCATGGCAGACAAGCGCTTCCCGGAACTGCGGGAGCCCAGGGAGTGA
 AGACCACCTTCTGGCAGCGGTGGCATCGCCGAGGCGGGTGGCGGACAACACCTGAGGGAGGCAGAGCA
 ACGGCTGGCCCGCGCTTCGGTCTCTGGGAGGGAGCTCTACGAGATTGGGGCCCTCTCGAACCCGGG
 ATCCAGTCTACTTCACTTTCCTCGCTTCTGCTGCTGCTCAACCTGCTGACCATGCTGCTGACTGCCT
 GCTTTGTGCTGCTGCCCTGGTCTGGCTCCGCCCCCTGAGCTAGGCCCTGCCCTGAAACTGACAGGACT
 CCAGTGTCCAGCAGCCCTGCCTCAGAGTGACATTCCAAGTTTCCACAACCCACTTTGGAATATTTTA
 ACGGGCAGAGCCTTCAACAACACCTATCTTCTACGGTGCCTACCGAGCGGGCCAGAGAGCAGCTCTG
 AATACAGCATCCGCTGGCTACCTCCTTAGCCCGATGGTCTGCCTGCTCCTCTGTTTCTGTGGGATACT
 GCAGAGGATGGCAGAAGGCCACCCAGCAGACTCTTGGGTACAGCGTACAGGACACCCCTCAGCGCC
 AAAGTGTCTCATCTGGGACTTCTGCATCCGGGTGTGGGAAGCCGCCACCATCAAGAAGCACGAAATCA
 GCAATGAACTGAAGATGGAGCTGGAAGAGGGCCCGCGTGGAGCTGGCTCAACAACAGACCAGGGCCCA
 GAAGGCCCTGCCGCTGCTCACCTACCTTCGCACCAACATCCTCATTGTGCTCCTAGTGGTCGGAGCCATC
 AGCGCCATCTTCTGGGCCACCAAGTACTCACAGGACAACAAGGAGGAGTCCCTTTTTCTGGTGTCCAGT
 ACTTGCCTCCTGGAGTCATCTCCTGGTCAACTTCTGGGCCCAATTGTTACAGTCCGATCCAGCT
 GGAGAACTACCCTCCCGCACTGAAGTCAACCTACCCTGATCTGGTGCCTGGTGTGAAGCTGGCCAGC
 TTGGGCATGTTCTCCTTCTCCTGGGTACAGCGTGTGTCATAGGCAGAAACAAGACCAGCTGCGAGT
 CCTACGGCTACAACGCTTGCAGTACCAGTGTGGGAGAAGTCCGGTGGCGAAGAATTATATAAGTTAAT
 CATCTTCAACTTCTGCTCACCGTGGCCTTCGCCCTTCTGGTACGCTGCCTCGAAGGCTGTTAGTGGAG
 CGCTTCTCGGGCTGGTTCTGGACTTGGCTAGACCGGGAGGAGTTCCTGGTGCCTAAGAATGTGCTGGACA
 TCGTGGCTGCACAGACTGCACCTGGATGGCCTTCTACTGCCCTGCTGCCACTACTCAACAGTGT
 CTCTCTTTCTACCTTCTACATCAAGAAGTACACCCTCCTGAGGAACTCCAGGGCGTCCCGCGGCGT
 TTCGAGCCTCCAGCTCCACCTTCTTCCACCTGGTGTGCTCCTAGGCCTGCTTTTGGCTGCAGTAC
 CTCTGGCCTACGTGATCAGCAGACCCACTCCTCCTGGGACTGTGGCCTTTCACAAACTATTCCGCCCC
 CTGGCAGGTGGTACCCGAGCTGGTAGCCCTCCAGCTCCCACTTCTAGCCAGCGTGCCCTCCGTTACCTC
 AGCTCCCACGCTTACGCTTCCCACTCCTCATTCTGCTCAGCATCGTCTGACGGTTTGCATCTCCCACT
 CCCGGGCGAATGCCAGAGCCATCCAGGGGCTGAGGAAGCAACTGGTGTGGCAGGTCCAGGAAAAGTGGCA
 CCTGGTGGACGACCTGTGCGGGCTGTGCCAGAAGTGGCCAGAGCCCGGGTCCCCTCACTCTCGAGCT
 TCGCGTCCACGATCCTTCTGTCTGGATTTCCATGCCAGGCTCGCCCGTCCAGGACACCCAGGCTGG
 CACCTTCAACAGGCTGAGCTCCTCGAGCCTCGGAGCCCCAGTGCCTCGGTTCTGCCTCCAGATTTCA
 CTCCCCAGCCGACAGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001195088
Insert Size: 2265 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:	<u>NM_001195088.1</u> , <u>NP_001182017.1</u>
RefSeq Size:	2790 bp
RefSeq ORF:	2265 bp
Locus ID:	217356
Cytogenetics:	11 E2
Gene Summary:	Probable ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (A) represents the longest transcript and encodes the longest isoform (A). Sequence Note: This RefSeq record was created from genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.