

Product datasheet for **MC205329**

Tmx1 (NM_028339) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmx1 (NM_028339) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmx1
Synonyms:	2810425A04Rik; AI465319; Txndc1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017603
 GGGTGAGCGGCTGACATGGCGCACTTGGGGCGTCTTATGGTTCCTGGCAGCTCTGGTCTGCTGCTCT
 GGGCGGTCCCTGGGGCCACGGACGGCGGAATAACGTGCGCGTCTCACCAGATGAGAAGTGGACGTCGTT
 GCTGGAAGGAGAGTGGATGATAGAATTTATGCTCCCTGGTGTCTGCTTGTGAGAACTTTCAGCCAGAA
 TGGGAAAGTTTTGCCGAGTGGGGAGAAGATCTTGAGGTGAAAGTTGCAAAAGTGGATGTCACAGAGCAGA
 CAGGACTAAGTGGACGGTTTATCATAACTGCTCTTCTTCTATTTATCATTGTAAGATGGTGAATTTAG
 GCGCTATGTGGGCCAAGGACTAAGAAGGACTTCATAAACTTCGTAAGTGATAAAGAATGGAAGAATATT
 GAACCTATATCATCATGTTTGGTCCAAGTCTGTTCTGATGACTATGATGTCAGCACTTTTCAACTCT
 CTGTGTACATCAGGACTAGCCACAGCTATTTTGTTCATGACCTTGAATACCAGCGTGGGGTTCATACTT
 GGTTTTTGCTTTTCCACAGTACTCTCAGGACTGCTGCTGGGACTTTGTATGATATTTGTAGCAGATTGC
 CTTTGGCCTTCAAAAAGACGCAAACCACAGCAACAGTATGCAAAAAAACATCACCAGAATTTTCTCAAC
 CTCTGAAAAAAGTGGAGGAAGAGCAGGAGGCTGATGAAGAAGATGTTTCAGAAGAGGAGGCAGAAGATAG
 AGAGGGAGCAAGCAAAGCCACTTCTCAGAGCAGCATAAGACAACGCTGTGTGGGCTCCCATCTGCCACG
 GACACATCCTAAGTTTTACATATATCTTAATACTATGACTTTGGCAAACTGAAGCTGGGTGATCATTTT
 TATTGCGAGCTGAATGACTTGTGTATACAGTGTAGGTCCTTTAGTTGGACAGTTTCCATTTCAG
 GAAATAAAAACAGACATAAGAGTTTGAATAATGACTTAAGAATATTATGATGGTTAAAGTTATTTAAT
 TTCAGAAGATCCTGGTGCCAAGCAGTAAGATTTGTGTTATATTTAATAATCTATTTTGTGTGAGATTTCG
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 TTTACATCATTTTTCTCAGTTTCACTGTGTGAAAAAGGATCATATTTCCATAAGTGGGAACATTGCC
 ATTATTTCAAGACATATACTTCATTGATAGTACTGCACCTAGGTAGAGTCCAAAATTTCTCATAGATTT
 TGGATTATGCAGTAACAAAACCTACTTACTTTATAGCTTTTCACTTCTACACATTACATTTAGGCTATGT
 TGCTGACTTAAGAAGTTTTATAAGTCTATATGGCATTGGATTAATTCTAAGGCTGACGCCTATTTTGG
 TGCTTTGTTCACTGTATGATTTTTGTTATTTGCCATGTGTTACATTTCTAAGTTGGAAAAAATTACCAGT
 ATCCTGTGTGTTTGTATGGGTAACAGAAGCTTTTCTATCCTTTTAGGATGAAGTTTACTGAGAGAAC
 CATCAAATCGAACTGTTTACTTGAAAATGTACAAAATTTGGCTATACATTCAGATTTTAAATTTATTTC
 TGAAGTTTTCTTTTTTAAATGTGAAGATGAAATTTTCTGATTTTTAAAATTTGATGTGGAAAAGCTTTG
 GTATTTTATATTTTGGAAATTCAGAATTTAATTGATGTAGAATGAAGTCTGCATTCTACTCAAGAAACAT
 CTACTACTATGTGTTTTAGTGAATTTCTCTCCACGGGGTCTTGTGAAATTTATAATCAGGATATT
 GCTTTGTGTTTGAATATTGTAACACTATTGTGTTTTAAAGACAAATTTATATTTGATTGTTGTTGACTG
 CTAGTACTGTGTATCTCACAATGGAACAAGATCGGCAAAAGGACTACATGGATTTTATCTTACAAGT
 GGAAGGGTATCATGGGGCAGGACTGTCTTGTGTCTGGAGGGGAAAGCAGACTGAATTTCTGATGA
 GTCAGTACCAGCCTTTATGGAATAGATGGTGTCTGTGACTCCCTCCCCTTATGTTCTCTGTGTGACT
 TCCTTAGACTTGCACTGTGATGGGCAACAGCTTCTTTTAGGCCTCTCCTTTATAGTTTAAATGTTCT
 GCTGTGAGAGTTGGATATGTAGTTTGGTGGCTTAGAAAAACATTCTAAGCACAAAATAAATGTTTCT
 AAGCACTTCAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_028339

Insert Size: 837 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:

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: [BC017603](#), [AAH17603](#)

RefSeq Size: 2418 bp

RefSeq ORF: 837 bp

Locus ID: 72736

UniProt ID: [Q8VBT0](#)

Cytogenetics: 12 C2

Gene Summary: May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions.[UniProtKB/Swiss-Prot Function]