

Product datasheet for **MC216154**

Tmx3 (NM_198295) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmx3 (NM_198295) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmx3
Synonyms:	6430411B10Rik; A730024F05Rik; AV259382; mKIAA1830; Txndc10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216154 representing NM_198295
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGAATGCAGTGGGGCGGAGGAGCTGGGCAGCCCTCCGGCTCTGCGTCTGCGTTATTTTACTTGATC
TGGCTGTTTGTAAAGGATTTGTAGAAGATCTAAATGAATCATTTAAAGATAATCGAAAAGATGACATTTG
GCTTGTGATTTCTATGCACCCTGGTGTGGCCATTGTAAAAAGTTGGAACCAATTTGGAATGAAGTTGGG
CTTGAAATGAAAAGTATTGGTTCTCCAGTTAAAGTTGGAAGATGGATGCTACTTCATATTCTAGCATTG
CTTCAGAGTTTGGAGTTCGAGGTTATCCAACAATTAAGCTATTAAGGGAGACTTGGCATATAATTACCG
AGGACCACGACTAAAGATGATATAATTGAGTTTGTCTCACAGAGTGTCTGGGGCTCTAATTCGGCCTCTT
CCAAGTCAACAAATGTTGACCATGTACGGAAGAGGCACCGTGTATTTTTGTTTATATTGGTGGAGAAT
CACCTTGAAAGAGAAAACATAGATGCTGCTCAGAGTTAATTGTATATACATACTTTTTTTCTGCCTC
AGAAGATGTGGTTCCTGAGTACGTGACGCTGAAAGAGATGCCTGTGCTTGTTCCTCAAGATGACT
TATTTTGTATGATGAGTATGAAGATGGCGATCTGCCTCATGGATCAGCAGAGAGAGGTTTCAGAACT
ACCTTACTATGGATGGTTTTCTCCTGTATGAACTTGGAGACACAGGAAAGCTTGTGGCCATAGCAGTTAT
TGATGAGAAAAACACATCACTTGAGCATACCAGATTAAGTCAATTATTCAGGAAGTTGCTAGAGATTTT
AGAGACCCTTCCATAGAGATTTTCAGTTTGGCCATATGGATGGAATGACTATATAAACACTTTGTTGA
TGGACGAATTAACAGTCCCAACAATAGTTGACTGAATACTTCAAACCAACAGTACTTTTTGCTAGATAG
ACATATTAAGGATGCGAGCGACATGGTCCAGTTCATTAATAGCATTGGATGGTACAGTACCAGCCAA
GGAGGTGATAGCATTTCAGAGATTGAAAAGAATAGTATTTGATGCCAAATCTACAATTGTGTCTATAT
TCAAGAGCTCTCCACTTATGGGCTGCTTCTTTTCGGGCTGCCACTGGGTGTCATCAGTATCATGTGCTA
TGGAACTTATACAGCTGACACAGATGGAGGCTATATAGAAGAACGATATGAAGTATCTAAAAGTGAATG
GAAAACCAGGAACAGATAGAAGAGAGCAAGAGTCCAGCAGTGGAGGGTCTCTAGCACCTACTG
TGCAAGAGCCCAAGATGTATTAGAAAAGAAGAAAGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_198295

Insert Size: 1371 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:	<u>NM_198295.2, NP_938037.2</u>
RefSeq Size:	4611 bp
RefSeq ORF:	1371 bp
Locus ID:	67988
UniProt ID:	<u>Q8BXZ1</u>
Cytogenetics:	18 E4
Gene Summary:	Probable disulfide isomerase, which participates in the folding of proteins containing disulfide bonds. May act as a dithiol oxidase (By similarity).[UniProtKB/Swiss-Prot Function]