

Product datasheet for **MC220376**

Tmco3 (NM_172282) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmco3 (NM_172282) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmco3
Synonyms:	B230339H12Rik; C87304
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220376 representing NM_172282
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGTACTGGACCAGAGTCTCCTCTGGATGCTGCTTCCCTTCTTTCACCTGATAGCCAGTGCTGCCG
 AGCACGAGGAGGTGGCCAAGCATGCCATCAAGCTGCACCGCGGGAAGGGCGCCACTGCCACTCAGAGGAA
 ACAGTGGGCCCTGGACAGCTGCAGGAGGCTCACCGGGCTCCTGAGGCAGAAGAATGTGGTCTCAACAAA
 CTGAAGAATGCCATCAGAGCCGTGGAGAAGGACACCAGCCTTTCGGGCGAGGAGAAGCTCTCCAGGTGC
 ACACATTCGAGATTTTCCAGAAAGAGCTGAATGAAAGTAAAAATTCGATCTTCCAGGCCATCTACGGACT
 GCAAAGAGCCCTGCAGGGCGACTACAGAGAGCTGGTCAACATGAAAGAGAGCAGCAAGCAGCGGCTGGAG
 GCTCTGAGGGAGGCTGCCATTAAGGAGGAGACAGAGTATGTGGAACCTTCTGCCCGAGAAAAACACCAAG
 TGGAAAGCCCTGAAAAACATGCAACATCAAAACAAGAGTCTCTCCATGCTTGACGAGATCCTCGAAGATGT
 GAGGAAAGCCCGCAGCCGTCTGGAGGAGGAGATCGAGGAGCAGCCTTCGACGACAATAAATCAGTCAA
 GCGCTCAACTTTGAGGCAGTTCTGAGAGTGGAGGAGGAGGCCAGCTCCAAGCAGAATATGACGAAGC
 GGGAGGTGGAGGACGGCCTGGGTCTCAGCATGCTCATCGACTCCCAGAACAACCAGTACATTCTGACCAA
 GCCCAGAGATTCTACTATCCCACGCGCAGACCACCACTTCATAAAGGACATCGTGACCATAGGGATGCTG
 TCCTTACCATGTGGCTGGCTGTGTACAGCAATAGGTCTGCCTACGATGTTTGGGTATATAATTTGTGGCG
 TGCTTCTGGGCTTTCAGGACTGAACAGTATTAAGTCTATTGTACAGGTGGAAACATTAGGAGAATTTGG
 GGTCTTCTTACTCTGTTTCTGGTTGGCTTAGAATTTCTCCAGAGAAGCTAAGAAAGGTGTGGAGGATA
 TCCTTACAAGGACCCTGCTATATGACGCTGCTGATGATGCCTTTGGCTTATGGTGGGACACCTCCTGC
 GGATCAGACCCACTCAGAGTGTCTTCAATTCACCTGTCTGCTCCTTGTGAGCACACCCCTGGTATCCAG
 GTTCTAGTGGGAAGTGGCCGAGGTGATAAAGAAGCAGGTGACATCGACTACAGCACAGTGTCTGCTTGGC
 ATGCTGGTGTGCAAGACGTGCAGCTGGGCTGTTCAATGCGCTCATGCCAACTCTCATACAGGCCGGAG
 CGGGCGCCTCTTCCAGCCTTGTGATGGAAGTATTGCGCATACTGTTTCTGATTGGACAAATTTCTTTTTC
 GCTAGCTGCTGTCTTTCTTTGTGCTTGTGATGAAGACGTATCTCATAGGACCGTATTATCGAAAGCTG
 CACCTGGAGAGCAAGGGGAACAAGAGATCCTCGTCTGGGAGTGTGAGCCTTACCTTCTGATGCTGA
 CGGTACAGAGCTGCTGGACGTCTCCATGGAGCTTGGATGCTTCTGGCTGGAGCGCTGGTCTTCCCA
 AGGGCACATGGTCACCGAGGAGATCATGACTTACATCGAGCCTATCCGTGACTTCTGGCCATCATCTTC
 TTCGCATCCATAGGGCTCCATGTGTTCCACCTTTGTGATCTATGAGTTGACGGTGTGGTGTCTCTCA
 CCCTGTCCGTGGTCATCATGAAGTTTGTGTTGGCAGTGTGGTCTTGTCTCTCATCTGCCGAGGAGCAG
 CAGTACATCAAGTGGATCGTATCCGCTGGGCTGGCACAGGTCAGCGAGTTCTCCTTTGTCTGGGGAGT
 CGAGCACGGAGAGCAGGCATCCTCTCCAGAGAGGTGTACCTCCTTATCCTAAGTGTGACCACACTCAGCC
 TCTTACTCGCCCCAGTGTGTGGAAGCAGCCATTACCAAGTGTGTGCCGAGACCAGAGAGGCGCTCAAG
 TCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_172282
Insert Size: 2037 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_172282.2</u> , <u>NP_758486.1</u>
RefSeq Size:	4533 bp
RefSeq ORF:	2037 bp
Locus ID:	234076
UniProt ID:	<u>Q8BH01</u>
Cytogenetics:	8 A1.1
Gene Summary:	Probable Na(+)/H(+) antiporter.[UniProtKB/Swiss-Prot Function]