

Product datasheet for **MC220963**

Tgm7 (NM_001160424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgm7 (NM_001160424) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgm7
Synonyms:	TGMZ; TGz
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220963 representing NM_001160424
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCTGTGGCAGCCTTGGAGCTCAGGTCTGTGGAAGTGCAGATCCCAGGAACAACAAGACCACC
 AACTGAGGATTTGGGCTTGTGCAAGCTCATCCTGCGCCGTGGCCAGATTTTCATCTTAACGATAGTCTT
 CAGTCGACCCCTCCAGCCCCAAAAGGATCATCTCACCTTTGTGGCTGAGACAGGACCAGAGCCCACAGAG
 CTTCTGGGACCCGAGCCACTTTCTCCTCGCCAGACCCGACCTGAGAACGTCTGGAGTCTTCTGACT
 TCATGATTGACAGCAACTCTCTCAAGTCTCGATTTTCTACCGGCTAGTGCAGTATTGCCACTACAC
 CCTGAAGTAGAGATCTCTCAGGCCAGGGTCTGGTGTGACTTACCCACTGGGAATTTTCATCTTGCTT
 TTTAACCCATGGAGTACAGAGGATGATGTCTACCTGCCAAGTGAACACTACTGCGGGAGTATATCATGA
 GTGACTACGGCTTATCTACAAGGTCAAACAAATTCATTACCTCCAGGCCCTTGGAACTATGGGCAGTT
 TGAAGAGGACATCGTCGATATCTGCTTTGAGATCCTGAACAAGAGCCTCTATTTTCTAAAGAACCCTATCC
 AAAGACCACTCTCAGAGAAACAAGTGGTGTATGTGTGCAGGGTGGTAAGCGCCATGATCAACAGCAATG
 ACGACAGTGGTGTGCTTACGGGAACTGGGGAGAGGATTACTCCCAGGGCACCAGCCCTCTGGAATGGAA
 CGGCAGCGTGGCCATCTTGCAGCAGTGGTCCGCCAAGGGCGGGCAGCCTGTGAAATATGGACAGTGTGG
 GTCTTTGCTTCTGTTATGTGCACGGTAATGAGATGCTTAGGTGTTCCAACCCGAGTCGTTTCCAATTTCC
 ATTCTGCACACAACAGATGAAAACCTTGACATCGACACCTACTATGATCGAACCCGAGAAATGCTGAC
 GGCTCAGAGGCCAGACAAAATCTGGAACCTCCAGTCTGGAATGAGTGTGGATGATCAGGAAAGACCTT
 CCACCAGGGTACAACGGCTGGCAGGTTCTGGACCCACCCCCAGCAAACCAGCAGTGGGTTGTTCTGCT
 GTGGCCCTGCCTCTGTGAAAGCCATCAAGGAAGGGGACGTCAGCTGCCCTATGATACCCCTTTTGTGTA
 TGCAGAAGTGAACGCTGATGAGGTCGTTTGGCTTTTGGGGTGGCCAGGTCCAGGAGATCCTGGCCCAT
 AACACCAGTTACATTGGGAAAGCAATTAGCACCAAGATGGTAGGGTCAGATGAGCGCCTGGACATACCA
 GTTCTACAAGTATCCAGAAGGATCCTCTGAGGAGCGGCTGCATTATTAAGGCTTCTGGAAATTGCT
 GGAACCGAGAAGGAACGCTTCTCTCCTGGATCTCCTAGGGTCTGAGAACTTAAAGGCTAAGCCTGTG
 AGGCTGCAACTCCACCTGGTTAGGGCACCCATGTGGGGCCAGGACCTGCCGCTCATGCTATATGTCCAGA
 GGGTGCCAGTCAGAGACCATGTTACGGGCTCTGTCGGACTGACGGTGCCTTTTGTGCACAGGCCCTCT
 GCATGGGGGTGGAACCGAAACCGTTCTGGAGACACATAGTACACTTGAATGTGGATTTTGAAGGAG
 CTACAGTGGCCGTTCTGCTGCCCTACAGCAGTTACAGGGACAAGCTGACAGATGAAAGGCTGATCCGTG
 TGCTGGCATCGCTGAGGTTGAAGAGACAGGGCAGTTCATTCTGGTCTAAAAGATTTCTCTCTGGAGCC
 TCCCCACTTGCTATTGAGGTGTTTGAAGGGCTGAGGTGGGCAAGGCTCTGGATATCCACATCACCCCTC
 ACCAACACCCTGATGGTGCCTCTGAATAACTGCACCATGGTTCTGGAGGGGAGTGGCCTCATCAATGGGC
 AGATGACAAAAGACCTTGGGACTCTGATGGCCGGACACTATCCGAATTCATCTGGAGCTTACCCCAT
 CAAAGCTGGGCCCCACCAGCTACAAGTCTCATCAGCAGCAGTGAAGTCAAGGAGATCAAAGGCTACAAG
 GACATCTTGGTTGCTGCAGCTCCAGCCTCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001160424
Insert Size: 2133 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_001160424.1, NP_001153896.1</u>
RefSeq Size:	2133 bp
RefSeq ORF:	2133 bp
Locus ID:	640543
Cytogenetics:	2 E5