

## Product datasheet for **MC220925**

### **Tgm6 (NM\_177726) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tgm6 (NM_177726) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgm6
Synonyms:	TGM3L; TGY
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220925 representing NM\_177726  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAGGGGTCAGAATACCAAGTGCAGTTCGAAAAATGGTGTGCCACACACCAAG  
 ATTACCCTTGCTCTGAAGTGGTTCGAAGAGGCCAGTTATTCAGTCTCACCTGGATCTGAGTAGAGT  
 CCTGGACAGCGAGGAGGCCCTCATCTTACCCTGGAGACAGGACCTCACGCATCCGAGGCTCTCCACACC  
 AAAGCCGTATTCCAGACAGCAGAGCTAGAAATAGGGGACACTTGGACAGCTGAAAAGAGGAACAGACAG  
 AGAACACAATCACCGTCAGCCTCTCGAGCCCTTCCAATGCAGTCAATTGGCCGATACCTGCTGAGTGTGAG  
 GCCCTCTCCCGCAGGAAACACAGTACCAGAAAGCTGGGCCAGTTTATTCTCTGTTCAATCCCTGGTGC  
 CCAGAGGACGATGTGTTCTGGACTCAGAGGAAGAGAGGCAGGAGTACGTGCTTAACGACAGTGGCGTCA  
 TCTCCGAGGCGTGGAGAAGCACATCCGAGCCCAGGGCTGGAACACGGGCAGTTTGAAGAGGACATCCT  
 GAACATCTGCCTCTCCATTCTGGACCGAAGTCTAGTACCAGGAGGACCCAGCCACCGATGTGTCCAC  
 CGCATGACCCAGTCTATGTACCAGGATCATCAGTGCATGGTGAACAGCAACAATGACCGAGGTGTGG  
 TACAAGGCCAGTGGCAGGGCAAATATGGAGGTGGTACCAACCCACTGAACTGGCGTGGCAGTGTGGCCAT  
 CCTACAGAAGTGGTTCAAGGGCAGGTACAAGCCAGTCAAATATGGCCAGTGTGGGTCTTCGCTGGAGTC  
 ATGTGCACAGTCTCAGGTGCCTGGGGATCGCAACCAGGGTGGTGTCCAACCTCAACTCAGCCCACGACA  
 CCGATGGCAATCTGAGTGTGGACAAATATGTGGACTCTTATGGCCGAACCTGGAGGACCTGACAGAAGA  
 CAGCATGTGGAATCTCACGCTGGAATGAGAGCTGGTTGCACGACAGGACCTGGGCCATCCTATGAT  
 GGCTGGCAGGTTCTGGATGCCACTCCCCAAGAGGAGAGCGAAGGTATGTTCCGGTGTGGTCTGCCTCGG  
 TCACTGCCATCCGTGAAGGTGACGTGCATCTAGCCCATGATGGCCCTTCGTCTTTGCGAGGTTCAATGC  
 AGACTACATCACCTGGCTATGGCACGAGGACAAGAGGCGGGAGCGTGTGTACTCGGACACCAAGAAGATC  
 GGCAGGTGCATCAGTACCAAGGCAGTGGCAGTACTCTCGTGTGGACATTACAGGCCTCTACAAGTATC  
 CAGAAGGGTCCCGGAAGGAGAGGCAGGTGTACAGCAAAGCTGTGAAGAACTGCTAAGTGTGGAAGCCTG  
 GGGGAGGAGGAGCGGATCCGACGGCCAGCGTGCAGCGGTGTCTGGCGGACGACCTCTGGAACCGGTC  
 ACCAAACCCAGCATCACTGGCAAGTTCAAAGTGTGGAGCCACCGGTGCTCGGCCAGGACCTGAAGCTGG  
 CTCTGTGCTTGACCAACCTACCGCCAGGGCCAGCGGGTCCGAGTCAATGTGAGCGGCCACCACCTCT  
 CTATACCCGCAAGCCTGTGGCAGAGATCCTGCGTGAATCCACACCGTGAAGCTGGGGCCACTAGAAGAA  
 AAGAAGATCCCAGTACAATATCTTACTCTCAGTACAAGGAGACCTGACAGAAGACAAGAAGATCCTGT  
 TGGCTGCCATGTCCCTTGTGAGTAAAGGGCGAGAAGCTCCTGGTGGAGAAGGACATTACCCTGGAGGACTT  
 CATCACCATCAAGGTGCTGGGGCCAGCAGTGGTAGGAGTACAGTCACTGTGGAAGTCTTGGTGTCAAC  
 CCCCTCTCGGAGAGCGTAAAGGACTGTGTGCTGATGGTAGAGGGCAGTGGCCTTCTCCAAGGACAGCTAA  
 GTATTGAGGTGCCAGCTTGCAGCCTCAGGAGAAGGCCTTGATTCAATCAACATAACCCCTTCCAAGAG  
 TGGCCCCAGGCAGCTGCAGGTGGACCTTGTGAGTACAGTTCACAGTTCACAGATCAAGGGCTTGTGATCATC  
 CACGTGGCTACAGCCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_177726

**Insert Size:** 2121 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_177726.4</a></u> , <u><a href="#">NP_808394.1</a></u>
<b>RefSeq Size:</b>	3327 bp
<b>RefSeq ORF:</b>	2121 bp
<b>Locus ID:</b>	241636
<b>Cytogenetics:</b>	2 F1