

## Product datasheet for **MC202907**

### **Timp3 (NM\_011595) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Timp3 (NM_011595) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Timp3
Synonyms:	Timp-3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC014713 sequence for NM\_011595  
 CTTCTTCTCCCGTTCTCCGTTCCCGATCCTTCTCCGGGAGGCCACTCGTTGGCTCCGCGGACTCGTGT  
 TCCAGCGACCCTTGGCCACTTAGTCCTGTCCCGCCGGGCTACTTGGAAAGGCACTTCCCGGAGCTCATCG  
 TTGCCACCGTGACAGTGCCCGGTTAAACCCAGCGAGTGAGCTCGGACTGTAGCATCAGCGCTAGCGCT  
 CGGCAACTTTGAAGAAAAGAGCGGCAGTCCCGCAGCGGACCACAACAGCTACCATGACTCCCTGGCTTG  
 GGCTTGTGCTCCTGAGCTGCTGGAGCCTTGGGCACTGGGGCGCGGAAGCGTGACATGCTCTCCAG  
 CCACAGCCAGGATGCCTTCTGCAACTCCGACATCGTGATCCGGGCCAAAGTGGTGGGAAAGAGCTGGTG  
 ACGGAGGGGCCCTTTGGCACTCTGGTCTACACTATTAAGCAGATGAAGATGTACCGAGGCTTCAGTAAGA  
 TGCCCCACGTGCAGTACATTACACGGAAGCCTCTGAAAGTCTTTGTGGCCTCAAGCTAGAAGTCAACAA  
 ATACCAGTACCTGCTGACAGGGCGGTGTATGAAGGCAAGATGTACACAGGACTGTGCAACTTTGTGGAG  
 AGGTGGGACCACCTCACACTGTCCAGCGCAAGGGCCTCAATTACCGCTACCACCTGGGTGCAATTGCA  
 AGATCAATTCCTGCTACTACTTGCCTTGTTTGTGACCTCCAAGAATGAGTGTCTCTGGACCGACATGCT  
 CTCCAATTTTGGTACCCTGGCTATCAGTCCAACACTACGCTGCATCCGGCAGAAGGGTGGCTACTGC  
 AGCTGGTACCGAGGATGGGCTCCCCAGACAAGAGCATCAGCAACGCCACAGACCCTGAACCCAGACCT  
 GCCCACCTCACCTCCTCCCATCCCGCAAGCGTCCCAGACACTAACTTCCCAGATGATGACAAATGA  
 AATTAGTGCTGTTTTCTTGCAAATTTAGCACTGGGGACACTTAAAGTCTCTGCTGTCTATGGAGTTGAT  
 TTGAAATACCTTCTGGCCCGCCCTACCCCTTCTTTTGGTTTTGACATCACCCATTTCCAAGTGGG  
 GATCTCTGGTGCCAAGCCAGAAAGACCGAGGCATGTATACACCTTCTTTCATGATATATAATCTATATT  
 TTTTATAGAAAACAGAAATTGAAAAATCTATCCCATTTGGGGCATTTAATAGTACTCTTCTTCTCTTC  
 CTCTCTTGACCACATCTAGACCCAGTTCATATACACTTCTTCAATCCCAATACACAGGAAAACATGGATA  
 AGGAAGTTGGCAGAAGTCCAAGTGTTCCTCAATCAGTCAAAGGCAGCAAGCAGACAGACGCCAGGATTTT  
 GAAAGGTCTTCTACACAGAGGATATACTACTGTATGTCTGGGTCAGACAGTCTGTCTATGTGTGCATGTC  
 AGAGGGAGAGAAGAGACAGACTGTAGGAGTGGTCTCACAGTACCAGCCCTATGATACTTGGGTTGAC  
 CCCATGTTTCAGATCCTGGAACAAGCATCCAAGAGTAACAGAACTTTCTGAGCTGGCAAAGGCTTAAACA  
 TCTGCCTGGGTTCAAGCAGCAACCTGCCGCTGTACAAAAAACCCAAAGGGCTGAGATGAACGCTTTTC  
 CTCTCCTGCCTCCCATGAGACAGTCTCCTAGGAATTCTTGGGAAAGTTTGGCTGGAAGCTTGCCAACTGT  
 AAGTTGGAGAAAACACACACCTGGCACTATCCACAGATATAGTCAAGTAGATTTGGATAGAGATACTATTT  
 CCAAAGTAGTGTTAGCTCATCTAGGGGACGTGTTTATATACATTTGCATATACCCACGGGGGATTA  
 TGAGCTAATTTTTTTTATAGGACACAGAATTCTATTCAATGCTGTTAAATATGCAATAGTTTAACTTT  
 TTTCTTTTGTGTTTGTGAGGAAATTGTGACATTCGAAGTTGACTTTTTTTTTTATCTGAATTAATTT  
 TGAAACTCTGACCACACTCAGTACCCTATTGTCCCTATAACTGGGGTTATCTGACCATCCATCTCCCTTC  
 TTTGTTCTGCTTCTGTTCCGGGTGCCCTTCACTTAATTGCCTTACTGGCTGGCTGACCGCAGGGGAGTG  
 TGAGTGTAGGTTAGGGCCTTCTCATGAAAGGGGCAAGTGCACAGTGGAATGACTCCTCTCTGGATCTG  
 GGGACAGCATACACTTCTTCCCCAGCTCAGTAATGAGTGAAGTCACTTCCGGAGGTGGTACCTCATAGA  
 ATGAACATGGTTGGTTACTGAGGGAGCCAGGCTCTGCCGTCCAAATGTAGGCCTTTTGTGTTGTATT  
 TTTGTTTTTAAATAAAAGTACAGTATAAATTTCTATTAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011595

**Insert Size:** 636 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:** [BC014713](#), [AAH14713](#)

**RefSeq Size:** 2449 bp

**RefSeq ORF:** 636 bp

**Locus ID:** 21859

**UniProt ID:** [P39876](#)

**Cytogenetics:** 10 42.83 cM

**Gene Summary:** Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli.[UniProtKB/Swiss-Prot Function]