

## Product datasheet for MC206663

### Timp4 (BC064046) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Timp4 (BC064046) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Timp4  
**Synonyms:** TIMP-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC064046  
 GTTTGTTACGACAGGCAGACCCACAGAGCTCAGCTGGGGCTCTGCAGTGCATGCCCTGGAGTCCCCTGG  
 CTGCGCTGAGCTGGGCGCTGGTGTGAGGCTGCTGGCTTTGCTGTGGCCCTGGACGGGTGAGGCGTG  
 CAGCTGTGCGCCTGCGCACCCACAGCAGCACTTCTGCCACTCGGCTCTAGTGATACGGGCCAAAATATCC  
 AGTGAGAAGGTAGTCCCTGCCAGCAAAGACCCTGTGACACTCAAAAAGTATCCGGTATGAAATCAAAC  
 AGATAAAGATGTTTAAAGGGTTCGAGAAGGCCAAGGATATTCAGTATGTCTACACGCCATTTGACTCTTC  
 CCTCTGTGGTGTGAAGCTAGAAACCAACAGTCACAAGCAGTATCTTTGACTGGCCAGATTCTCAGTGAT  
 GGAAAAGTCTTCATCCATCTGTGCAACTACATTGAGCCCTGGGAGGACCTGCTCTGGTGCAGAGGGAGA  
 GCCTGAATCATCACTACCACCAGAACTGTGGCTGCCAAATCACCCTTGCTATGCAGTGCCATGTACCAT  
 CTCAGCCCCAATGAGTGTCTCTGGACGGACTGGCTGCTGGAACGGAAGCTCTATGGGTACCAGGCCAG  
 CACTATGTCTGCATGAAGCATGTTGATGGCATCTGCAGCTGGTACCGAGGCCACCTACACCTCCGGAAGG  
 AGTACGTTGACATCATCCAGCCCTAGTAGGGACCAGGAACCACATCCTTGGAAAGCATTCTGAAGACCAAG  
 CCAAGTTCTCTGTGGTCCTTTGACCATCACCACTGCTGTGTTGCTGCCAGATAATGGAAAATGACAAGTG  
 GATGGCCCTGGCCAGCAAATGGAGGCTGTGGGCGATGTGACAGCTTGTGTCTGCTGTTACATCTCCAGCT  
 CACAACCTGTCAAGGGTGGAAAGGTATCTTATCTGCCTTGCCCTCAGCCCTCTTCCCTGTCTCCAAA  
 CCCTGTTAGTCTAGCTTATACCTATTACTGAGAGTTTTATTCTGGCTTTGTTAACTGGCTTTTCTTAG  
 CTCATATGATAAGGGAGAAGCTGTGACTGACTGTATAAAGTTGTACAACCTTGGCATGTGTGCTATGGT  
 AGGTGGGCTGACTGTATCCTGAGTGGGCTGTTGGCTGAAGTAAAAGAACACACTAAAGCTCCAGATCT  
 CCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC064046  
**Insert Size:** 675 bp



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<b>OTI Disclaimer:</b>	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>	<a href="#">BC064046</a> , <a href="#">AAH64046</a>
<b>RefSeq Size:</b>	1221 bp
<b>RefSeq ORF:</b>	675 bp
<b>Locus ID:</b>	110595
<b>Cytogenetics:</b>	6 53.29 cM
<b>Gene Summary:</b>	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor.[UniProtKB/Swiss-Prot Function]