

## Product datasheet for **RN203011**

### Timp1 (NM\_053819) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Timp1 (NM_053819) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Timp1
Synonyms:	Timp; TIMP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203011 representing NM_053819 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCCCTTTGCATCTCTGGCCTCTGGCATCCTCTTGTGCTATCATTGATAGCTTCCAGTAAAGCCT  
GTAGCTGTGCCCCAACCCACCCACAGACAGCTTCTGCAACTCGGACCTGGTTATAAGGGCTAAATTCAT  
GGGTTCCCCAGAAATCATCGAGACCACCTTATACCAGCGTTATGAGATCAAGATGACTAAGATGCTCAA  
GGATTCGACGCTGTGGGAAATGCCACAGGTTTCCGGTTCGCCTACACCCAGCCATGGAGAGCCTCTGTG  
GATATGCCACAAGTCCCAGAACCAGCGAGGAGTTTCTCATCGCGGGCCGTTTAAAGGAACGGAAATTT  
GCACATCACTGCCTGCAGCTTCCCTGGTTCCTGGCATAATCTGAGCCCTGCTCAGCAAAAAGCCTTCGTA  
AAGACCTATAGTCTGGCTGTGGGGTGTGCACAGTGTTCCTGTTCAGCCATCCCTTGCAAACTGGAGA  
GTGACAGTCATTGCTTGTGGACAGATCAGATCCTCATGGGCTCTGAGAAGGGCTACCAGAGCGATCACTT  
TGCTGCCTGCCACGGAATCCAGATTTGTGCACCTGGCAATACCTTGGGGTCTCGATGACCCGAAGCCTT  
CCCCTGGCAAAAGCTGAAGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1528_e05.zip">https://cdn.origene.com/chromatograms/ja1528_e05.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053819
Insert Size:	654 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="#">NM_053819.1</a> , <a href="#">NP_446271.1</a>
<b>RefSeq Size:</b>	740 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	116510
<b>UniProt ID:</b>	<a href="#">P30120</a>
<b>Cytogenetics:</b>	Xq11
<b>Gene Summary:</b>	acts as an inhibitor of metalloprotease activity; may play a role in vascular tissue remodeling [RGD, Feb 2006]