

Product datasheet for **RN207310**

Timp2 (NM_021989) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Timp2 (NM_021989) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Timp2
Synonyms:	MGC105282
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207310 representing NM_021989 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCCGGCCCGCAGCCTCCGGCTGGCGCTCGGCCTCCTGCTGCTGGCCACGCTGCTGCGCCGG
CCGACGCCTGCAGCTGCTCCCCGGTGCACCCGCAACAGGCGTTTTGCAATGCAGACGTAGTGATCAGGGC
CAAAGCAGTGAGCGAGAAGGAGGTGGATTCCGGGAATGACATCTATGGCAACCCCATCAAGAGGATTCAA
TATGAGATCAAGCAGATAAAGATGTTCAAAGGACCTGACAAGGACATCGAATTTATCTACACGGCCCCCT
CCTCAGCAGTGTGCGGGTCTCGCTGGACGTTGGAGGAAAGAAGGAATATCTAATTGCAGGAAGGCGGA
AGGAGATGGCAAGATGCACATTACCCTCTGTGACTTTATTGTGCCCTGGGACACGCTTAGCATCACCCAG
AAGAAGAGCCTAAACCACAGGTACCAGATGGGCTGCGAGTGCAAGATCACACGCTGCCCTATGATCCCAT
GCTACATCTCCTCCCGGATGAGTGCCTCTGGATGGACTGGGTCACAGAGAAGAGCATCAATGGGCACCA
GGCCAAGTTCTTTGCCTGCATCAAGAGAAGTGATGGTTCTTGCGCGTGGTACCGCGGGCGGCACCCCCG
AAGCAGGAGTTTCTTGACATCGAGGACCCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_021989
Insert Size:	663 bp



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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_021989.2</u> , <u>NP_068824.1</u>
RefSeq Size:	1656 bp
RefSeq ORF:	663 bp
Locus ID:	29543
UniProt ID:	<u>P30121</u>
Cytogenetics:	10q32.3
Gene Summary:	acts as an inhibitor of metallopeptidase activity; may play a role in tissue remodeling during spermatogenesis [RGD, Feb 2006]