

Product datasheet for **RN208832**

Timp4 (NM_001109393) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Timp4 (NM_001109393) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Timp4
Synonyms:	Timp-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208832 representing NM_001109393 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTGGAGTCCCCTGGCTGCGCTGAGCTGGGCGTGGTGTGAGGCTGCTGGCTTTGCTGTGGCCCC
CTGGACGGGTGAGGCGTGCAGCTGCGCGCTGCGCACCCAGCAGCACGTCTGCCACTCTGCTTTAGT
AATACGGGCCAAAATATCCAGTGAGAAGGTAGTCCCTGCCAGTGAAGACCCCGCTGACACTCAAAAAATG
ATCCGGTATGAAATCAAACAGATAAAGATGTTAAAGGGTTCGAGAAGGCCAAGGATATTCAGTATGTCT
ACACGCCATTTGACTCTTCTCTGTGGTGTGAACTAGAAACCAACAGTCAGAAGCAGTATCTGTTGAC
TGGCCAGATTCTCAGTGATGAAAAGTCTTCATCCATCTGTGCAACTACATTGAGCCCTGGGAGGACCTG
TCCTTGGTGCAGAGGGAGAGCCTGAATCATCACTACCACCAGAAGTGTGGCTGCCAAATCACCATTGCT
ATGCAGTGCCGTGTACCATCTCAGCCCCGATGAGTGTCTCTGGACAGACTGGCTGCTGGAACGGAAGCT
CTATGGGTACCAGGCCAGCACTATGTCTGCATGAAGCATGTTGATGGCATCTGCAGCTGGTACCGAGGA
CACCTACACCTCCGGAAGGAGTACGTTGACATCGTCCAGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001109393
Insert Size:	675 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_001109393.1</u> , <u>NP_001102863.1</u>
RefSeq Size:	1701 bp
RefSeq ORF:	675 bp
Locus ID:	680130
UniProt ID:	<u>P81556</u>
Cytogenetics:	4q42
Gene Summary:	regulator of the matrix metalloproteinases; involved in regulating MMPs in follicles and corpus luteum [RGD, Feb 2006]