

Product datasheet for **SC200859**

TIMP1 (NM_003254) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TIMP1 (NM_003254) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TIMP1
Synonyms:	CLGI; EPA; EPO; HCI; TIMP; TIMP-1
ACCN:	NM_003254
Insert Size:	128 bp
Insert Sequence:	>SC200859 3'UTR clone of NM_003254 The sequence shown below is from the reference sequence of NM_003254. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGGCAGTCCCTGCGGTCCCAGATAGCCTGAATCCTGCCCGGAGTGAAGCTGAAGCCTGCACAGTGTCC ACCCTGTTCCCACTCCCATCTTTCTTCCGGACAATGAAATAAAGAGTTACCACCCAGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003254.3</u>



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Summary:

This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq, Jul 2008]

Locus ID:

7076

MW:

4.7