

## Product datasheet for **SC207097**

### **MMP1 (NM\_002421) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MMP1 (NM_002421) Human 3' UTR Clone
Symbol:	MMP1
Synonyms:	CLG; CLGN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002421
Insert Size:	523 bp
Insert Sequence:	<p>&gt;SC207097 3'UTR clone of NM_002421</p> <p>The sequence shown below is from the reference sequence of NM_002421. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
AATAGCTGGTTCAACTGCAGGAAAAATTAACATTACTAATTTGAATGGAAACACATGGTGTGAGTCC
AAAGAAGGTGTTTTCTGAAGAACTGTCTATTTTCTCAGTCATTTTAACTCTAGAGTCACTGATACA
CAGAATATAATCTTATTTATACCTCAGTTGCATATTTTTTACTATTTAGAATGTAGCCCTTTTGTGTA
CTGATATAATTTAGTTCCACAAATGGTGGGTACAAAAAGTCAAGTTTGTGGCTTATGGATTCATATAGG
CCAGAGTTGCAAAGATCTTTCCAGAGTATGCAACTCTGACGTTGATCCCAGAGAGCAGCTTCAGTGAC
AAACATATCCTTTCAAGACAGAAAGAGACAGGAGACATGAGTCTTTGCCGAGGAAAAGCAGCTCAAGA
ACACATGTGCAGTCACTGGTGTCAACCCTGGATAGGCAAGGGATAACTCTTCTAACACAAAATAAGTGT
TTATGTTTGAATAAAGTCAACCTGTTTCTACTGTTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#"><u>NM_002421.4</u></a>
<b>Summary:</b>	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down the interstitial collagens, including types I, II, and III. The gene is part of a cluster of MMP genes on chromosome 11. Mutations in this gene are associated with chronic obstructive pulmonary disease (COPD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]
<b>Locus ID:</b>	4312
<b>MW:</b>	20.2