

## Product datasheet for **SC203862**

### MMP7 (NM\_002423) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MMP7 (NM_002423) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MMP7
Synonyms:	MMP-7; MPLS1; PUMP-1
ACCN:	NM_002423
Insert Size:	298 bp
Insert Sequence:	>SC203862 3'UTR clone of NM_002423 The sequence shown below is from the reference sequence of NM_002423. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGAAAGAGAAGTAATTCAAGAAAGAAA <b>TAG</b> AAACTTCAGGCAGAACATCCATTTCATTTCATTGGAT TGTATATCATTGTTGCACAATCAGAATTGATAAGCACTGTTCCCTCCACTCCATTTAGCAATTATGTCAC CCTTTTTTATTGCAGTTGGTTTTGAATGTCTTTCACTCCTTTTAAGGATAAACTCCTTTATGGTGTGA CTGTGTCTTATTCATCTATACTTGCAGTGGGTAGATGTCAATAAATGTTACATACACAAATAAATAAAA TGTTTATTCCATGGTAAATTTA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-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><a href="#">NM_002423.5</a></u>



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**Summary:**

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 proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal hemopexin domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes on chromosome 11. This gene exhibits elevated expression levels in multiple human cancers. [provided by RefSeq, Jan 2016]

**Locus ID:**

4316

**MW:**

11.7