

## Product datasheet for **SC215401**

### **MMP14 (NM\_004995) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MMP14 (NM_004995) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MMP14
Synonyms:	MMP-14; MMP-X1; MT-MMP; MT-MMP 1; MT1-MMP; MT1MMP; MTMMP1; WNCHRS
ACCN:	NM_004995
Insert Size:	1749 bp



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**Insert Sequence:** >SC215401 3'UTR clone of NM\_004995  
 The sequence shown below is from the reference sequence of NM\_004995. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCCAGCGTTCCCTGCTGGACAAGGTCGACGCCACCGCCGCCCCACTCCTACCACAAGGACTT
TGCTCTGAAGGCCAGTGGCAGCAGGTGGTGGTGGGCTGTTCCCATCGTCCCGAGCCCCCTCCCC
GCAGCCTCCTTGCTTCTCTGTCCCCTGGCTGGCCTCCTTACCCTGACCGCTCCCTCCCTCCTGCC
CCGGCATTGCATTTCCCTAGATAGGTCCTGAGGGCTGAGTGGGAGGGCGGCCCTTCCAGCCTCTG
CCCCTCAGGGGAACCCTGTAGCTTTGTGTCTGTCCAGCCCCATCTGAATGTGTTGGGGCTCTGCACTT
GAAGGCAGGACCCTCAGACCTCGCTGGTAAAGGTCAAATGGGGTCATCTGCTCTTTCCATCCCCTGA
CATACCTTAACCTCTGAACCTGACCTCAGGAGGCTCTGGGCACTCCAGCCCTGAAAGCCCCAGGTGTA
CCCAATTGGCAGCCTCTCACTACTTTTCTGGCTAAAAGGAATCTAATCTTGTTGAGGGTAGAGACCT
GAGACAGTGTGAGGGGGTGGGGACTGCCAAGCCACCCTAAGACCTTGGGAGGAAAACCTCAGAGAGGGTC
TTGCTTGCTCAGTCAGTCAAGTTCCTCGGAGATCTGCCTCTGCCTCACCTACCCAGGAACTTCCAAG
GAAGGAGCCTGAGCCACTGGGGACTAAGTGGGCAGAAGAAACCCTTGGCAGCCCTGTGCCTCTCGAATG
TTAGCCTTGGATGGGGCTTTCACAGTTAGAAGAGCTGAAACCAGGGGTGCAGCTGTCAAGTGGGTGGG
GCCGTGGGAGAGGCCCGGGTGCAGGCCCTGGGGTGGAGCTGAAGGCCACAGAGAAAGAACCTTGCCC
AAACTCAGGCAGCTGGGGCTGAGGCCAAAGGCAGAACAGCCAGAGGGGGCAGGAGGGGACCAAAAAGG
AAAATGAGGACGTGCAGCAGCATTGGAAGGCTGGGGCCGGCAGGCCAGGCCAAGCCAAGCAGGGGGCC
ACAGGGTGGGCTGTGGAGCTCTCAGGAAGGGCCCTGAGGAAGGCACACTTGCTCCTGTTGGTCCCTGTC
CTTGCTGCCAGGCAGCTGGAGGGGAAGGGTAGGGCAGCCAGAGAAAGGAGCAGAGAAGGCACACAAA
CGAGGAATGAGGGGCTTACGAGAGGCCACAGGGCCTGGCTGGCCACGCTGTCCCGCCTGCTACCCAT
CTCAGTGAAGGGCAGGAGCTGGGGCTCGCTTAGGCTGGTCCACGCTTCCCTGGTGCCAGCACCCCTCA
AGCCTGTCTACCAAGTGGCCTGCCCTCTCGCTCCCCACCCAGCCACCCATTGAAGTCTCCTTGGGCC
ACCAAAGTGGTGGCCATGGTACCGGGGACTTGGGAGAGTGAAGCCAGTGGAGGGAGCAAGAGGAGAG
GGATGTCGGGGGGTGGGGCACGGGTAGGGGAAATGGGGTGAACGGTGTGGCAGTTCGGCTAGATTT
CTGTCTTGTGTTTTTTTTGTTTTGTTTTAATGTATATTTTTATTATAATTATTATATATGAATCCATT
CAAATCGTTCCTTTTTGTTAACAAAGGGCATGGGGAGGGTGGGGTGGGGGGCAGAGGCGTCTGACC
CCAGGAACCTGCAGGGCGGGGCTGGGTCCGTCCTCTAAGGACAATTTGACCTTGTTCAACCTTTCC
ACAAAGAATAAATTGTGTTTACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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:** [NM\\_004995.4](#)

**Summary:**

Proteins of the matrix metalloproteinase (MMP) 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion. [provided by RefSeq, Jul 2008]

**Locus ID:**

4323

**MW:**

61.7