

Product datasheet for **SC213647**

MMP13 (NM_002427) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MMP13 (NM_002427) Human 3' UTR Clone
Symbol:	MMP13
Synonyms:	CLG3; MANDP1; MDST; MMP-13
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002427
Insert Size:	1301 bp



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Insert Sequence: >SC213647 3'UTR clone of NM_002427
 The sequence shown below is from the reference sequence of NM_002427. 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
ATGCCAGCAAATTCATTTTGTGGTGTAAAGTGTCTTTTTAAAAATTGTTATTTAAATCCTGAAGAGCA
TTTGGGGTAATACTTCCAGAAGTCCGGGTAGGGGAAGAAGAGCTATCAGGAGAAAAGCTTGGTTCTGTG
AACAAAGCTTCAGTAAGTTATCTTTGAATATGTAGTATCTATATGACTATGCGTGGCTGGAACCACATTG
AAGAATGTTAGAGTAATGAAATGGAGGATCTCTAAAGAGCATCTGATTCTTGTGCTGTACAAAAGCAA
TGGTTGATGATACTTCCACACCACAAATGGGACACATGGTCTGTCAATGAGAGCATAATTTAAAAATA
TATTTATAAGGAAATTTACAAGGCATAAAGTAAATACATGCATATAATGAATAAATCATTCTTACTA
AAAAGTAAAAATAGTATGAAAATGGAAATTTGGGAGAGCCATACATAAAAGAAAATAACCAAAGGAAA
ATGTCTGAATAATAGACTGTAACCTCCAATAAATAATTTTCATTTGCACTGAGGATATTCAGATGT
ATGTGCCCTTCTTACACAGACACTAACGAAATATCAAAGTCATTAAGACAGGAGACAAAAGAGCAGT
GGTAAGAATAGTAGATGTGGCCTTTGAATTCTGTTTAAATTTTCACTTTTGCCAATGACTCAAAGTCTGC
TCTCATATAAGACAAATATTCCTTTGCATATTATAAAGGATAAAGAAGGATGATGCTTTTTATTAATA
TATTTTCAGTTCTTCAGAAGTCACACATTACAAAGTTAAATTTGTTATCAAAATAGTCTAAGGCCATGG
CATCCCTTTTTCATAAATATTTGATTATTTAAGACTAAAAGTTGCATTTAACCCATTTTACCTAGC
TAATTATTTAATTGTCCAGTTTGTCTTGGATATATAGGCTATTTTCTAAAGACTTGATAGCATGAAAT
AAAATATATCTTATAAAGTGGAAAGTATGTATATTAATAAAGAGACATCCAATTTTTTTTTTAAAGCAGT
CTACTAGATTGTGATCCCTTGAGATATGGAAGGATGCCTTTTTTCTCTGCATTTAAAAAATCCCCCA
GCACTTCCACAGTGCCTATTGATACTTGGGGAGGGTGCTTGGCACTTATTGAATATATGATCGGCCAT
CAAGGGAAGAAGTATTGTGCTCAGAGACTGTTGATAAAAACTCAGGCAAGAAAATGAAATGCATAT
TTGCAAAGTGTATTAGGAAGTGTATTGTTGTTTATAATAAAAAATATTTTTCAACAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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).

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_002427.4](#)

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 protease cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. Mutations in this gene are associated with metaphyseal anadysplasia. This gene is part of a cluster of MMP genes on chromosome 11. [provided by RefSeq, Jan 2016]

Locus ID: 4322

MW: 51.2