

Product datasheet for **SC204366**

MMP3 (NM_002422) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MMP3 (NM_002422) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MMP3
Synonyms: CHDS6; MMP-3; SL-1; STMY; STMY1; STR1
ACCN: NM_002422
Insert Size: 355 bp
Insert Sequence: >SC204366 3'UTR clone of NM_002422

The sequence shown below is from the reference sequence of NM_002422. 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
TTGAAGAGTAACAGCTGGCTTAATTGTGAAGAGATATGTAGAAGGCACAATATGGGCACTTTAAATG
AAGCTAATAATTCTTACCTAAGTCTCTGTGAATTGAAATGTTTCGTTTTCTCCTGCCTGTGCTGTGACT
CGAGTCACACTCAAGGGAACCTGAGCGTGAATCTGTATCTTGCCGGTCATTTTTATGTTATTACAGGGC
ATTCAAATGGGCTGCTGCTTAGCTTGCACCTTGTACATAGAGTGATCTTTCCCAAGAGAAGGGGAAGC
ACTCGTGTGCAACAGACAAGTGACTGTATCTGTGTAGACTATTTGCTTATTAATAAAGACGATTTGTC
AGTTATTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_002422.5](#)



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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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq, Jul 2008]

Locus ID:

4314

MW:

13.4