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Product datasheet for SC204936

MMP12 (NM_002426) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MMP12 (NM_002426) Human 3' UTR Clone
Symbol:	MMP12
Synonyms:	HME; ME; MME; MMP-12
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002426
Insert Size:	394 bp
Insert Sequence:	>SC204936 3'UTR clone of NM_002426 The sequence shown below is from the reference sequence of NM_002426. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGAAAAGCAATAGCTGGTTTGGTTGTTAGAAATGGTGTAATTAATGGTTTTTGTTAGTTCACTTCAGC TTAATAAGTATTTATTGCATATTTGCTATGTCCTCAGTGTACCACTACTTAGAGATATGTATCATAAAA ATAAAATCTGTAAACCATAGGTAATGATTATATAAAATACATAATATTTTTCAATTTTGAAAACTCTAA TTGTCCATTCTTGCTTGACTCTACTATTAAGTTTGAAAATAGTTACCTTCAAAGGCCAAGAGAATTCTA TTTGAAGCATGCTCTGTAAGTTGCTTCCTAACATCCTTGGACTGAGAAATTATACTTACTTCTGGCATA ACTAAAATTAAGTATATATATTTTGGCTCAAATAAAATTGAAAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

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RefSeq:	NM_002426.6
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 degrades soluble and insoluble elastin. This gene may play a role in aneurysm formation and mutations in this gene are associated with lung function and chronic obstructive pulmonary disease (COPD). This gene is part of a cluster of MMP genes on chromosome 11. [provided by RefSeq, Jan 2016]
Locus ID:	4321
MW:	15.4