

Product datasheet for **RN205419**

Mmp14 (NM_031056) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp14 (NM_031056) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp14
Synonyms:	Mt1-mmp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205419 representing NM_031056
Red=Cloning site Blue=ORF Orange=Stop codon

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TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC
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ATGTCCTCCGCCCCTCGACCCTCCCGCAGCCTCCTGCTCCCCCTGCTCAGCTCGGCCACCGCTCGCCT
CCCTCGGCTGGGCCAAAGCAGCAACTTACGCCCGAAGCTTGGCTGCAGCAGTATGGCTACCTACCTCC
AGGGGACCTGCGTACCCACACACACGCTCACCCAGTCACTCTCAGCTGCCATTGCCGCCATGCAAAGG
TTCTATGGTTTACAAGTGACAGGCAAGGCCGATTTCGGACACGATGAAGGCTATGAGGCGCCCTCGTG
GTGTTCCAGATAAGTTTGGGACTGAGATCAAGGCCAATGTTTCGGAGGAAGCGCTATGCCATTGAGGCC
CAAGTGCCAGCATAATGAGATCACTTTCTGCATCCAGAATTATACCCCAAGGTGGGCGAGTATGCCACA
TTCGAGGCCATTCGAAAGCCTTCGAGTATGGGAGAGTGCCACGCCACTGCGCTTCGAGAAGTGCCTT
ATGCCTACATCCGGGAGGGTCATGAGAAGCAGGCTGACATCATGATCTTGTGTTGCTGAGGGTTCCATGG
CGACAGCACACCCCTTTCGAGTATGGGAGAGTCCCTGGCTCATGCCTATTTCCAGGCCCAATATCGGA
GGGGATACCCACTTTGATTCTGCTGAGCCCTGGACTGTCCAAAATGAGGATCTAAATGGGAATGACATCT
TCTTGGTGGCTGTGCATGAGTTGGGGCATGCCCTAGGCCTGGAACATTCCAACGACCCCTCCGCCATCAT
GGCTCCCTTTTACCAGTGGATGGACACCCGAGAATTCGTGTTGCCTGATGACGATCGCCGCGGCATCCAG
CACTTTATGGAAGCAAGTCAGGGTCACCCACAAGATGCCCCCTCAACCAGAACCACCTTAGGCCCT
CTGTCCCAGATAAGCCCAGAAACCCACCTATGGGCCAACATCTGTGATGGGAACCTTTGACACCGTG
CATGCTCCGAGGAGAGATGTTTGTCTTCAAGGAGCGATGGTTCTGGCGGGTGAGGAATAACCAAGTATG
GACGGATACCCAATGCCATTGGCCAATCTGGAGGGCCCTGCCTGCATCCATCAACACTGCCTATGAGA
GGAAGGATGGCAAATTTGTTTCTTCAAAGGAGATAAGCACTGGGTGTTTGACGAAGCTTCCCTGGAACC
CGGATACCCCAAGCACATTAAGGAGCTGGGCCGAGGACTGCCACGGACAAGATTGATGCAGCTCTCTTC
TGGATGCCAACGGGAAGACCTACTTCTCCGGGGAAAATAAGTACTACCGCTTCAATGAGGAGTTCAGGG
CAGTGGACAGCGAATACCCCAAAAACATCAAAGTCTGGGAAGGAATCCCTGAGTCTCCAGAGGCTCATT
CATGGGTAGCGATGAAGTCTTACATACTTCTACAAAGGGAACAAATACTGGAAATCAACAACCAGAAG
CTGAAGGTAGAGCCAGGGTACCCCAAGTCAAGTCTGCGGGACTGGATGGGCTGCCCTTCGGGGGGCCGGC
CCGACGAGGGGACTGAGGAGGAGACGGAGGTGATCATCATCGAGGTGGATGAGGAGGGCAGCGGAGCCGT
GAGTGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
TTCTTTAGACGCCATGGGACACCAAGCGACTGCTTTACTGCCAGCGTTCAGTCTGGACAAGGCTGA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

ACCN: NM_031056

Insert Size: 1749 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031056.1](#), [NP_112318.1](#)

RefSeq Size: 2448 bp

RefSeq ORF: 1749 bp

Locus ID: 81707

UniProt ID: [Q10739](#)

Cytogenetics: 15p13

Gene Summary: enzyme which is an activator of progelatinase A [RGD, Feb 2006]