

## Product datasheet for **RN210363**

### **Mmp16 (NM\_080776) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mmp16 (NM_080776) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp16
Synonyms:	Mt3-mmp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210363 representing NM\_080776  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATCTTACTCGCATTAGCTCTGGAAGAAGGTTGGATTCGTCGATCGTTCGGGGGTGTTTTCTTCC  
 AAACCTTGCTTTGGATTTATGTGCTACAGTCTGCGGAACGGAGCAGATTTCAATGTGGAGGTTGGTT  
 ACAGAAATACGGCTACCTTCCACCGACTGACCCAGAATGTCTGTGCTGCGCTCTGCAGAGACCATGCAG  
 TCAGCCTTAGCTGCCATGCAGCAGTTCTATGGCATTAAACATGACAGGAAAAGTGGACAGAAAACAATTG  
 ACTGGATGAAGAAGCCTCGATGTGGTGTACCAGACCAAACAAGAGGCAGCTCTAAATTCAACATCCGACG  
 AAAGCGCTATGCATTAAGTGGCAGAAGTGGCAACACAAGCATATCACTTACAGTATAAAGAACGTAAC  
 CCCAAGGTTGGAGATCCTGAGACCCGGAGAGCAATTCGCCGTGCCTTTGATGTGTGGCAGAATGTAACAC  
 CTCTAACGTTTGAAGAAGTCCCTACAGTGAAGTGAAGAAATGGCAAACGTGATGTGGATATAACCATCAT  
 TTTTGCTTCTGGTTTCCATGGAGACAGATCCCCCTTTGATGGGGAGGGAGGATTTTGGCCCATGCTTAT  
 TTCCCTGGGCCAGGAATGGAGGCGATACTCATTTTGATTCTGATGAGCCATGGACACTGGGAAATCCCA  
 ATCATGATGGAATGATTTATTTCTGTAGCAGTCCATGAGCTGGGACATGCTCTAGGGCTGGAGCATTC  
 CAACGACCAACAGCTATCATGGCACCATTTACCAGTACATGGAACAGACAACCTCAAGCTTCCCTAAT  
 GATGATTTGCAAGGCATCCAGAAGATATGGTCCACCTGACAAGATCCCTCCACCTACAAGACCTCTAC  
 CGACAGTGCCCTCACCGATCTGTCCCTCCGGCCGACCAAGGAAAAATGACAGGCCAAACCTCCTCG  
 ACCTCCCACTGGCAGACCTTCCATCCAGGAGCCAAACCAACATCTGTGATGGGAACCTCAACACTCTA  
 GCTATTTCTCGAAGGGAGATGTTTGTCTTCAAGGACCAGTGGTTTTGGCGAGTGAGAAACAACAGGGTGA  
 TGGATGGATACCCATGCAAATTACTTACTTCTGGCGGGCCTTCTCCAGTATTGATGCAGTTTATGA  
 AAACAGTGATGGAAATTTGTCTTTAAAGGTAACAAATACTGGGTGTTCAAAGACACAACCTTCAA  
 CCTGGATACCCTCATGACTTGATTACCCTTGGAAATGGAATCCCCCTCATGGTATTGATTCTGCCATAT  
 GGTGGGAAGATGTTGGCAAAACCTATTTCTTCAAAGGCGACCGGTATTGGAGATATAGTGAAGAAATGAA  
 AACCATGGACCCTGGCTATCCCAAGCCATCACCATCTGGAAAGGAATCCCTGAATCACCTCAGGGAGCT  
 TTCGTCCACAAGGAAATGGCTTACCTATTTCTACAAAGGAAAGGAGTATTGAAATTCACAACCCAGA  
 TACTCAAAGTAGAACCTGGGTATCCAAGATCCATCCTCAAGGACTTTATGGGCTGTGATGGACCAACAGA  
 CCGAGATAAAGAAGGTCTCAGCCACCACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_080776
- Insert Size:** 1644 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\\_080776.1](#), [NP\\_542954.1](#)

**RefSeq Size:** 3519 bp

**RefSeq ORF:** 1644 bp

**Locus ID:** 65205

**UniProt ID:** [O35548](#)

**Cytogenetics:** 5q13

**Gene Summary:** membrane type matrix metalloproteinase; may be involved in matrix remodeling of blood vessels [RGD, Feb 2006]