

Product datasheet for **RN206608**

Mmp1 (NM_001134530) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp1 (NM_001134530) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp1
Synonyms:	Clgn; MMP-1; Mmp1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206608 representing NM_001134530
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTAGCCTTCCTTTGCTGTTGCTTCTCTTGGCTACCAGCTCATAACAGTTTCCCGTGTTCAGGACG
 GAGCCCGCAGAATGTGGAACAGTCTGGAATACCTGGAACACTACTACAACCTGGGTGAAGACGTCCA
 AGCTAAAAACGTGGATGCCAAGGAGGTGATGGCTGAAAAGCTGAGGCAAATGCAGCAGTTATTTGGGCTG
 AAAGTGACAGGAAATCAAATCTGAAACCCTGAGTGCTATGAGGAAACCTAGGTGTGGGGTGCCTGATG
 TGGCCCCATATGCCATTACTCACAACAATCCTCGTTGGACAAAACACATCTGACTTACAGCATTTTAAA
 CTACACACCATATTTGCCAAAAGAAGTTATAGAAAACGCCATCGAGAGAGCCTTTAAAGTCTGGAGTGAT
 GTGACACCCTAACATTCGAAAGGGTTTTGAGGAGGAAGGTGATATTGTGTCGCCTTCTACAGAGGAG
 ACCATAGTGACAATAACCCATTTGATGGACCTGAATATGGACTTGCTCACACATCCCACCAGGCCACG
 TTTGGGGGCGATGTTTCATTATGATCTGGATGAGACGTGGACCGACAACAGTGACAATTTCAATTTGTTT
 TATGTTACGGCTCATGAACTGGGCCACTCCCTTGGACTCACTATTCTAGAGATGTAGGAGCACTAATGT
 TCCCCAGCTACACATGGTACACTGAAGACTTTGTGCTAAACCAGGAGGATTAATCGCATCCAGGCTTT
 ATATGGGCCTTCCCAAATCCCATCCAGCCAACAGGTGCAACAACACCACATCCATGTGATGGTATCTA
 ACCTTCGACGCTATAACTACGTTTAGGGGAGAGGTGATGTTCTTTAAAGGCAGGTTCTACATTCGTGTA
 ATAAGTTCATGCCAGAAGCTGAGCTCAATTTGATAGGTATTATCTGGCCAAATCTGCCAGGTAACCTTGA
 TGCTGCTTATGAAGTTAGTATGATAGATCAAGTCCGCTATTTCAAAGGCAATAAAGTCTGGGTTGTTTGA
 GGCATACTGTACTGAGAGGATCCCCACAGACATCCATAGCTTCTTTGGCTTCCCTAGCAGTGTGACAC
 ACATTGACGCTGCCGTTTGTGAGGAAGAGACTGGAAAAACATCTTCTTGGTTGACAACATGTACTGGAG
 GTATGATGAAAAATACACAGTCCATGGATCCAGGTTATCCTAGATTAACAGCAGAAGATTTCCCTGGAATT
 GACGATAAAGTTGATGATGTTTTCCAAAAGGCCAAAATTTCTACTTCTTTCACCAATCAGTTCAACGCA
 GATTTAGCTCCGAATAAGAAGGTTGATGACTCCCGTATTCTAGTACCTGGTTCAACTGCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134530
- Insert Size:** 1395 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_001134530.1, NP_001128002.1
RefSeq Size: 2021 bp
RefSeq ORF: 1395 bp
Locus ID: 300339
Cytogenetics: 8q11