

Product datasheet for **RN208232**

Mmp27 (NM_001106799) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp27 (NM_001106799) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp27
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208232 representing NM_001106799
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTGCCTTCTGCCTCTGATGGTTAATTTTATAACACTTTCCCTCTGCATTTCTCCAGACAGAAAGG
 AAAAAATGAGGAGAACAATCAACTGGCCAGGCATATCTCAACCAGTTCTACTCGTTGAAATAGAAGG
 GAGTCATCTTGTCCAAAGCAAGAACAGGAGTCTCTTAGATGGAACCTCAGGAAATGCAGGCCTTTTTT
 GGATTGACAGTGACGGGAAAGCTGGATTGACACTCTGGAGATCATGAAGGTGCCAGGTGTGGGGTGC
 CGGACGTGGGCAATATGGTTACACCTCCCTGGGTGGAGAAAATACAACCTTACATACAGGATAATGAA
 TTACACTCCTGATATGACACACGCTGATGTGGATGAGGCTATTGAGAAAGCTCTACAAGTTTGGAGCAAG
 GTCACTCCACTGATGTTACCAGGATATCCAAGGGGGTGCAGATATAATGATAGCATTGAGACAAGAG
 TCCATGGCTGGTGTCTCGTCACTTTGATGGTCTCTGGGAGTCTTGGCCATGCCTTTCTCTGGTCT
 GGGTCTTGGTGGTGATACCCACTTTGACGAAGATGAAACATGGACAACCGGGGATGGGGAAGGGTTCAAC
 TTGTTTCTCGTGGCTGCTCATGAATTTGGTCACTCTCTGGGGCTCTCCACTCCAGTGATCAAACAGCCT
 TGATGTTTCCTAATTATGTCTCCCTGGATCCTAACAAATACCCACTTTCTCAGGATGATTAATGGGAT
 CCAGTCCATCTATGGAAGTCCGTCTAAGGTACCCACCAAGCCAAATGAAACCCTGTCCCCTGCGCTTGT
 GAGCCCAACTTGACTTTTGATGTGCTACTACCTCCGCAGGGAAATCATGTTCCTTAAAGGCAGGCACC
 TATGGAGGGTCTACTCTGATATTACTGGTGTGAGTTTGGAGTTTATTGATTCCTTCTGGCCATCTCTGCC
 AGCTGATCTTCAAGCTGCCTATGAAAGCCCCAGAGATGAGGTCTTGTGTTTTAAAGATGAGAATTTCTGG
 GTGATCAGGGGAATTCTGTCTTGCTGGTTACCCAAATCTATCCACACACTCGGGTTTCCAAGACGTG
 TGAAGAAAATTGATGCAGCCGTCTGTGATCATGACACAAAGAAAACCTTTTTTTTGGTCATCTGGTG
 CTGGAGGTATGATGAGATGGCGCAAGCAATGGACAGAGGATTCCACAGAGGATAATGAAGCGCTTCCCA
 GGAATTCGCCTCCGTGTAGATGCTGCTTCCAACGTAACGGATTCTTCTATTTCTCCGTGGGTCGAGGC
 AATTTGAGTACGACATGAAGGCAAAAAATACCCCAAGTGATGAAAACCAACACTTGGTTCCTGTGCAA
 TGAACCATTAACTCATCATCCAATGTCAGTGTGCAAGGAAAAGCACATTCAATTGGCACAGTGATATTC
 CATCATAAAAGTGAAGCTTGCTCAGTTTCAGCATTGTTTCATGTGCTGACAAAAGCATATAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001106799

Insert Size: 1536 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_001106799.1](#), [NP_001100269.1](#)

RefSeq Size: 1597 bp

RefSeq ORF: 1536 bp

Locus ID: 300340

Cytogenetics: 8q11