

Product datasheet for **RN207925**

Mmp21 (NM_001106308) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp21 (NM_001106308) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207925 representing NM_001106308
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTGCTGCTCTGACTTGCCTGACAACTGCTGCTCTGCTGGCTAGTTACACCCAGCCAGCCAGC
 CTGAGAGGCTCTCCACAGCCGGGACCGTTTCGGACCTGGAGCCATCCCCCTGAGTCGGGCCAAGCCCAT
 TGCCGACCTCCATGCTGCTCAGAACTTCTATTGAAATATGGCTGGTCAGAGGTGCCAGCCAAAGGAG
 TCAGCCGGAGTCCCTGTGGGCTTCACTTGGCTCAAGCTGTGCGTAGATCCAGAAGGCAAAAGACTGC
 CAGCCAGCGGAACTAGACTCACCTACACTGGCAGCTATGAATAAGCCACGCTGTGGCTCCCTGACAC
 ACGACTACCCCTCAGGATGCCCTGCCAACTCCACCAGCCCTGCCAACCCCTCTAGGTCTCCAGCCAGG
 GCCCGACAAAAGCGCTTCTTCAAATGCTGCTGCCAAGCCAGGTGGGAAACAGGAGGGCCGGTCAGACA
 CGGGGCCAGCAGGTCTTCTCCAAGAAGACACTGACCTGGAGACTAGTGGGAGATGCCTACAGCAGCCA
 ACTCTCTGGGGATGAGCAGAGATACATCTTTAGACTGGCTTTCAGGATGTGGAGCGAGGTGACGCCACTG
 GACTTCCGGGAGGACCTCACTGCCCTGGTACCATGGTGGACATAAAGCTGGGTTTTGGGAGAGGCCGGC
 ACCTGGGCTGTCCACGGGTGTTTGACGGGAGTGGACAGGAGTTTGACATGCCTGGCACCTGGGTGAGAT
 CCACCTTTGATGACGATGAGCACTTTACTCCTCTCTCCAGTGACACGGGCATCAGCCTTCTCAAAGTAGCT
 GTCCATGAAATTTGGTCACGTCCTTGGATTGGCTCACACCTACAGGGTGGGATCCATAATGCAACCAA
 ACATTTCCCGAGGAGCCTGCATTTGAGTTGGACTGGTCAGACAGAAAAGCAATTCAAAGACTATATGGGTC
 ATGTGAGGGATCATTTGATATAGTGTGGACTGGATTTCGCAAGGAGAGGAACCAATATGGTGAGGTGAGG
 GTGAGGTTCAACACCTACTTCTCCGCAACAGCTGGTACTGGCTCTACGAAAACCGCAACACAGGACTC
 GTACGGGGACCCCTCCAAATCCTCACCGCTGGCGTGGAAATCCCATGCAAAGAATAGATGCTTTCGT
 CCATGTCTGGTTCATGGGGTAGAGATGAGCGGTATTTTTTCAAAGGAAACCAATACTGGAGATATGACAGT
 GAGAATGACCAGGCACACACACAAGATGAACAAGGAAGGAGCTACCCCAAAGTATTTGAGAAGGCTTCC
 CTGGCATCCCCAGTCCCTTGGACACGGCCTTCTATGAGCGGAGGCAGCAGCTAATTTACTTCTTCAAGGA
 GTCTCTAGTATATGCATTTGATGTCAACCGAAACCAAGCACTTTCTTCTTATCCAAAGAAGATGAGCCAA
 GTGTTCCAGCAATAATGCCTCAAACCACCCATTAGAAACCTCGATTCCGCGTACTACTCCTATGCAC
 ACAATGCCATCTTCTTTTCAAAGGCAACTCGTTTTGGAAAGTAGTTAGTGACAAGGACAAAACAGCAGGA
 CTCTCGGCTCCCTCTGAATGGCTATTTTCAAACAATCTGTTTCAGGGAAGTGGTTTGATGTTTGTGAC
 GTTCATACCTCTACACTGAACATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106308
- Insert Size:** 1707 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_001106308.1](#), [NP_001099778.1](#)

RefSeq Size: 1854 bp

RefSeq ORF: 1707 bp

Locus ID: 293573

Cytogenetics: 1q41