

Product datasheet for **RN203334**

Mpp6 (NM_001134982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpp6 (NM_001134982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mpp6
Synonyms:	MGC189400
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203334 representing NM_001134982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCAAGTTTTGAAAACCTTACAGAGCTGCCTCATCTACAGGAGCAGAAGAAATAGACCTAATTT
 TCCTCAAGGGGATTATGGAGAATCCATTGTGAAATCACTTGCTAAGGCTCACGAGAGACTTGAAGATTC
 AAAATTAGAAGCTGTCAGTGACAATAAATTGGAATTAGTGAATGAAATCTTGAAGATATCACTCCTCTC
 ATAAGTGTGGATGAAAATGTGGCAGAAGCTGGTGGTATACTCAAGGAGCCTCACTTCCAGTCGCTCCTGG
 AGGCCCATGATATTGTGGCATCAAAGTGTATGAATCGCCGCTTCAAGCCAGAAATGAATATTCCTTC
 TCTCAATAATCAGTTATTGCCAGTGGACGCCATCCGTATTCTCGTATTCAAAAAGAGCTGGAGAGCCA
 TTGGGTGAACATTCAGGGTTGAAAATAATGATCTGGTAATGCCGAATCCTTCATGGAGGAATGATAG
 ATCGACAAGTCTGCTTCATGTGGGAGATATCATTAAAGGAAGTCAATGGTCATGAGGTTGAAAACAACCC
 AAAGGAATTACAAGAATTATTGAAAAATATTAGTGAAGCGTCACCTAAAAATCTTACCAAGTTACAGA
 GATACTATTGCTCCTCAGCAGGTTTTGTCAAGTGCATTTTGATTATAATCCATTCAATGATAACCTGA
 TACCCTGCAAAGAAGCTGGACTGAAGTTTTCAAAGGAGAAATCTTCAGATTGTAATAGAGAAGACCC
 AAATTGGTGGCAGGCTAGCCATGTGAAAGAGGGAGGAAGTCTGGTCTGATTCCAAGCCAGTTCTGGAA
 GAGAAAAGAAAGGCATTTGTTCCGAGAGATTGGGACAATTCAGGACCCTTTTGTGGAACATAAGCAACA
 AGAAAAAGAAAAGATGATGTACCTCACAAACAGGAATGCAGAGTTTGATCGGCATGAAATTCAGATCTA
 TGAGGAAGTAGCAAAAATGCCACCCTCCAGCGGAAAACATTAGTGTGATCGGAGCTCAAGGTGTGGGC
 AGAAGGAGTTTAAAAACAGGTTTCATAGTACTGAATCTGCTAGATTTGGAACAACAGTGCCATTTACTT
 CACGGAAGCCAAGAGAAGACGAAAAGGATGGGCAAGCATATAAATTTGTGTCCCGATCAGAGATGGAAGC
 AGATATTAAGCTGGGAAGTATCTGGAGCATGGGGAATATGAAGGGAACCTGTATGGAACCTAAGATCGGC
 TCCATTCTCGACGTCGTCAAACCGGACGACTTGCATTTTGGATGTTAATCCACAGCACTGAAGGTGC
 TCGCGACCTCCGAGTTTATGCCTTACGTGGTGTATTATTGCTGCTCCAGAGCTAGAGACTTTGCGTGCCAT
 GCACAAGGCTGTGGTGGACGCAGGAATCACCAAGCTTTTGACGGACTCTGACTTGAAGAAAACGGTG
 GATGAAAGTGCCCGGATTCAGAGAGCATACAACCACTACTTTGATTTGATCATCGTAAATGACAATCTAG
 ACAAAGCCTTTGAGAACCTACAACTGCCATTGAGAACTGAGGACGGAGCCACAGTGGTCCCCATTAG
 CTGGGTGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134982

Insert Size: 1623 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_001134982.1](#), [NP_001128454.1](#)

RefSeq Size: 2658 bp

RefSeq ORF: 1623 bp

Locus ID: 362359

Cytogenetics: 4q24