

## Product datasheet for **RN209369**

### **Mpp1 (NM\_001037659) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mpp1 (NM_001037659) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mpp1
Synonyms:	p55
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209369 representing NM\_001037659  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGCTCGAGTCCGGCAGCGGCTTGGCGACGGAGGCGACAGCGGCAGCGGCCTGCGCACTGCGCTCT  
 CCGACCTCTTCTGGAGCAGCTGCTGCGGAACCGCGGAGGCCGCGGTGATGAGGCCAGTCGGACCGGGC  
 CGAGGATGGGGCCGTGCGCACCAATGGCTCCGTGGACCTCGGGGAGGAGGAGGAGGCAGCCGCGGGGT  
 CCGGTCGTGCGGTTTCGAGAAGAGCGCGGAGCCATGGGCATCACCTGAAGCTGAACGACAAGGCCGCGT  
 CCTGCACCGTGGCCGGATCCTGCATGGTGGCGCCGCCACAGGCAAGGCTCCCTGCACGTGGGGACGA  
 GATCCTGGAGATCAACGGCACGGACGTACGGGGCCGCTCGGTGGACCAGCTGCAGAGGGCCATGAAGGAG  
 ACGCGGGGACGATCTCGCTGAAGGTGATTCGCCCGCAGCAGAGCCGCTTCCCGCCTGCAGATGTTCCG  
 TCGGGGCGAGTTCGACTACGACCCCGAGAAGGACGACCTCATCCCTGCAAGGAGGCGGGGCTCGCCTT  
 CTCACGGGCGAGTCATCCAGGTCATCAACAAGGACGACGGCAACTGGTGGCAGGGACGAGTGCAGGGC  
 AACGCCCGGGGGTTCGGCGGGGCTCCTCCCTCGCCGAGCTGCAGGAGTGGAGGGCGGCGAGCGCGGCC  
 AGGTGGCCCCGGCTGAGGCCCCAGCTGCAGCCCTTCGGGAAGAAGAAGTGAAGGACAAATACCT  
 GGCCAAGCACAGCGCATCTTTGACCGCTGGACGTCTCTCCTACGAGGAGGTCGTGCGGCTCCCCGCG  
 TTCAAGAGGAAGACGCTGGTGTCTATCGGGGCCAGCGGGTTCGGGCGGAGTACATCAAGAACGCGCTGC  
 TCGCCAGAACCCGAGAGGTTTCGCTACCCCGCGCCGACACACCGCGGCCCGCGGAAGGGCGAGGC  
 GGACGGCGCCGAGTACCACTTCGTGTGGCGGAGGAGATGGCGCGGGGCATCGCGCCAACGAGTTCCTG  
 GAGTTCGGCAGCTTCGGGGCGACATGTTGGGACCAGGCTCGACGCCGTGCGCCGATCCACGAGTGCC  
 GCCAGGTCGCCGCTCCTGGACATCGAGCCCGAGCCCTGAAGGCCGTGCGCACCGCTGAGCTCTCGCCCTT  
 CATCGTCTTCATCGCGCCTACGGACAGGGCGCCGAGACCGAGGCCCTGCGCCAGCTCCGCGCCGACTCC  
 GACGCCATCCGGGGCCGCTACGCCACCTCTTCGACCTCTGCCTGGTGCACAACGGTGTGGACGAGACGC  
 TAGGGCGCTGTGCGAGGCCCTCGACCGCGCTGCGCCGACCCGAGTGGGTGCCCGTGTCTGGGTCTA  
 CTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001037659

**Insert Size:** 1404 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\_001037659.1, NP\_001032748.1  
RefSeq Size: 2157 bp  
RefSeq ORF: 1404 bp  
Locus ID: 652956  
Cytogenetics: 1q31