

Product datasheet for **MC201093**

Mpp1 (NM_008621) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpp1 (NM_008621) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpp1
Synonyms:	55kD; 55kDa; C130070C03Rik; p5; p55
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013444 sequence for NM_008621
 CCGACGCGTGGGCTGCTCTGCTTGGCCCTCCTGGCTCTCAGCGCAGCTCTTGATCCCTGCCTCCTCCGCC
 GCCTTAGTCTAGCTCGTCTCTGAACAGGCCGAGTTCCCCGATTTGCGATTCTGGGCTCAAAGCTCTGC
 GGCTACTGCGTCTGGTTGTCTCTGCTCCTGAGAGATGACGCTCAAGTCGAGCGAAGGCGAGGGAGGGAAC
 AGCATGCGCACCACACTTTCGGACCTCTACCTGGAGCACTTACTACAGAAGCGTAACCGACCTGAGACTT
 CATTGAACCAGTCAAATGTTACTACTGAGGACATGTACACCAATGGTCCCCTGCTCCAGGTAGCCCTGC
 CCATGCCAAAGGTCAGGAGGCTCGGAGAGTTCGTCTCATACAATTTGAGAAGATCACAGAAGAGCCCATG
 GGGATCACTTTGAAGCTGAATGAAAAACAGTCGTGTACCGTGGCCAGAATTCTCCATGGCGGCATGATTC
 ATAGACAAGGCTCCCTTCATGTTGGGGATGAGATCCTAGAAATCAATGGCACAAATGTGACTAATCACTC
 AGTAGATCAGTTGCAGAAGGCAATGAAGGAAACCAAAGGAATGATCTCATTAAAAGTCATTGCTAATCAG
 CAGAGTCGCCCTTCTGCGCTACAGATGTTGATGAGAGCACAGTTTGACTATGATCCCCAAAAGGACAACC
 TTATTCCTTGCAAGGAGGCGAGACTGAAGTTTGTACTGGAGACATTATCCAGATAATCAACAAAGATGA
 CAGCAATTGGTGGCAGGGGCGGGTGGAGGGCTCCTCAAAGAGTCTGCAGGATTAATCCCTTCTCCTGAG
 CTACAGGAATGGAGAGTGGCAAGCGTGGCTCACTCTGCTCCAAGTGAAGCACCAAGTTGCAGTCCCTTTG
 GGAAGAAGAAGTGTAAAGACAAGTACCTGGCTAAGCACAGTCCATTTTTGACCAGTTGGATGTTGT
 TTCTATGAGGAAGTTGTTGCGCTCCCTGCATTCAAGAGGAAGACCTTGGTGTGATCGGAGCCAGTGGG
 GTGGGTCGTAGCCATTAAGAATGGTCTGCTCAGTCACAATCCAGAGAAGTTTGCGTACCTGCCCCAT
 ATACAACACGGCCACCAAAGAAGAGTGAGGAAGATGGGAAGGAGTATCATTTCTCAACAGAGGAGAT
 GACGAAGAATCTCTGCCAATGAGTTCTGGAGTTTGGCAGCTATCAGGGCAACATGTTTGGCACCAAAA
 TTTGAAACAGTGCACCAGATTCATAAGCAGGACAAGATTGCCATCCTTGACATTGAGCCCCAGACCTAA
 AGACTGTTCCGACAGCTGAGCTTTCACCTTTTATTGTGTTTCATCGCACCTACTGACCAGGGCACTCAGAC
 TGAAGCCCTGCAGCAGCTGCAGAAGGACTCTGAGGCCATCCGTAGTCAGTATGCTCATTACTTTGACCTC
 TCTTTGGTGAATAATAGTGTGATGAAACTCTTAAGAAATTGCAAGAAGCCTTTGACCAGGCTTGCAGTT
 CTCCACAGTGGGTGCTCTCCTGGGTTTACTAAGCTTACAGAATTGGCAAACATGTTTCAGCCAGCAT
 TTGGAATGCCACCTCCCGCACCCCTCCCTTGTAAAGCCAAAAGGGTTGCTTCAACTTTTAGCTCTGC
 TGTTTTCTTACTCAGGCTCCTAAAGGGTGAAGCTTTCCTACTATCTACATTTCAAATGATCTCTGGAA
 AATTGCCATAAGAATAACCAAATGCAATGCTACATAGATAAAACCAACTGCCCCCTGAAGCTGAGCTCC
 TTTGCTTCAACTATAGAATGTCTTTTACTCTGGAATAAATATCTTCTGAAAACCTTCTAAAATGCCAA
 AATCAAACAGCTGTGCAATAGAATGTCTGCTGTAGGGAAAATCTCCAAAGCAATAAAAATGCTGCTGTG
 TAAAAGTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008621

Insert Size: 1401 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: [BC013444](#), [AAH13444](#)

RefSeq Size: 1983 bp

RefSeq ORF: 1401 bp

Locus ID: 17524

UniProt ID: [P70290](#)

Cytogenetics: X 38.15 cM

Gene Summary: This gene encodes a protein localized to the cell membrane. The protein serves as a scaffold for the assembly of the actin cytoskeleton, and plays a role in regulating apico-basal cell polarity. [provided by RefSeq, May 2015]