

Product datasheet for **MC203337**

Mpp4 (NM_145143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpp4 (NM_145143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpp4
Synonyms:	Dlg6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC061694
 CACTGTGTTTTTCATCCTTGCAGCTCCAGCAGGGAGGATGAGACAGTCTGACAGAGGAGCAGAGCTGACCA
 ATGAGGACAGAGCTCTTCCACGCCACCTGATCCTGAGAATGGTCTCTCTGGGATCCTGAGGCTCCTACT
 GCAGGAACTGAGCCTTTCTACAGCCGAGATGTGAATGGTCTGTGTCTCTTATATGACCTCCTCCATTCA
 CCATGGCTGCAGGCTCTGCTCAAGGTCTACGACTGCCTCCAGAGGTTAAAGAGAAGAAGCTAGTTCCTG
 ATACAACATGCACAGATCTTAGCCTGTGAGGTCTTGGAGCTGTTACCCAAAGCTTCCGGTTCCTCCGA
 GATCCAAGAGCTAAGACAAGTCCTTCAGGCTCCTCACTGCAAGGCCTTGCTGAGTGCCCATGACACAGTG
 GCTCAGAAAGACTTTGAACCCCTTCTCCCCCACTGCCAGACAATATCCCGACAGTGAAGAAGCAATGA
 GGATTGTTTGTCTGGTGAACCAACAGCCCCTGGGAGCAACCATCAAGCGTCATGAGATAACAGGGGA
 TATCCTGGTGGCCAGGTCATCCATGGCGGGCTGGTGGAGAGGAGCGGGTGTGTATGTGGAGACAAA
 CTGGTGAAGTGAATGGAGTTTCAGTAGAGGGCTGGACCCTGAGCAAGTGATCCATATTTGGCTATGT
 CTTGTGGTACGATCATGTTCAAGGTGATTCCGGTCTCTGCCCCGCTGTGAGCAGCCAGAAGATGGTTTA
 TGTTGCGCCCATGATTGATTACTGGCCCCAAGAGGATCCCGACATCCCCTGCATGGATGTGGGCTGCCT
 TTCCTGAAAGGGGACATTCTACAGATTGTGGACCAGAATGATGCCCTCTGGTGGCAGGCCCGGAAAACTCT
 CAGACCTCACCATCTGTGCTGGGCTAATCCCTTCTAACCCCTTCTGAAGAGGAAGCAGCGGGAGTTCTG
 GTGGTCTCAGCCGTACCAACCTCACACCTGCCTCAAATCCACCCGAGCACTGTCTATGGAGGAAGAAGAC
 AGCATGAAGATTGATGAGAAGTGTGTGGAAGCAGATGAAGAACTTTGAATCTGAGGAACCTCGCAGAAG
 CTAAGGACGAATTTGTGCGCGATGGGCAGAAGTTCTTTATCGCTGGGTTCCGCCGAGCATGCGCCTCTG
 TCGCAGGAAGTCTCACTTCAGCCAGCTGCATGCCAGCCTGTGCTGCAGCTGCAGCTGCTACAGTGCCGTG
 GGCGCTCCTTACGAGGAGGTGGTGAAGTACCAGCGGACGCGCGGACAAACACCGCCTCATAGTGCTTG
 TGGGACCTTCTGGCGTTGGAGTCAATGAAGTGAAGACAGCTCATTGGATGTAACCCAGCTGTTTTCA
 AAGTGCTGTGCCACATACCACCGTTTCCCAAAGAGTTATGAAATGGATGGACGTGAGTATCACTACGTG
 TCAAGGGAACATTTGAAAGCCTCATGTACGGACACAAGATGCTGGAGTATGGTGAAGTACAAGGGCCACC
 GTACGGAAACAGTGTGAACGCTGTACAGCCGTCCTTGATGAAGCAAGATCTGCATCATGGATCTAGA
 GCCTCAGGATATTCAGTCGGCTCGAACCCGTGACTTGAAGCCCTACGTTATATTTATTAAGCCACCTAAC
 ACGAGCTCCATGAGACACTCTCGAAAAACGCTAAGATCACCAGTACTACTATGTGGACATGAAGTTCA
 AGGATGAAGACCTACAAGAGATGGAGGAGTTAGCCAGAAAAATGGAGAGTCAGTTTGGCCAGTTTTTTGA
 TCACGTGATTGTGAATGACAACCTGCAAGATGCATGTGGCCAGCTGTTGTCCGCCATACAGAAGGCTCAG
 GAAGAAGTGCAGTGGTGCCAGAGGCATGGGTTTCCCCTGACACTGAATCTTAATCTAGTGTCTGCTTA
 AAGCTGGAAGCTTCATAGTGTGCCCTAAAGATCCGGAATAACGGCTGCCATTGAAAACAGCAGTGTTTGA
 CCCATTAGAAGTGCAGTATGAAGTCCTTATTGTATAGCTATAAATAGCATCCTATACATATACAGAGCT
 ACTCATTTGGCTCTCAGGCATTTTCCCGATGTTTCCCCTATAGCTAATGGCAGGTATGTGACAATGTT
 GTCAGTGAATGTGAGCATTTTATAGATTTATATGGTGTGTTTGAAGATGTAACCTTCTAAATAAACCA
 GTCTACTTAATGACAACTGTAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145143

Insert Size: 1458 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC061694 , AAH61694
RefSeq Size:	2339 bp
RefSeq ORF:	1458 bp
Locus ID:	227157
UniProt ID:	Q6P7F1
Cytogenetics:	1 C1.3
Gene Summary:	May play a role in retinal photoreceptors development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.