

Product datasheet for **MC218831**

Mpp6 (NM_001164734) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpp6 (NM_001164734) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpp6
Synonyms:	P55t; Pals2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218831 representing NM_001164734
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGCAAGTTTTGAAAACCTTACAGAGCTGCCTCATCTACAGGAGCAGAGGAGATAGACCTAATTT
TCCTCAAGGGGATTATGGAGAATCCTATTGTGAAGTCACTTGCTAAGGCTCATGAGAGACTTGAAGATTC
AAAGTTAGAAGCTGTGAGTGACAATAAATTGGAATTAGTGAATGAAATCTTGAAGATATCACTCCTCTG
ATTAGTGTGGATGAAAATGTGGCAGAGCTAGTTGGGATACTCAAGGAGCCTCACTTCCAGTCGCTCCTGG
AGGCCCATGATATTGTGGCATCAAAGTGTATGATTTCGCTCCTTCCAGCCCAGAAATGAATATTCCTTC
TCTCAATAATCAATTGCCAGTAGATGCCATCCGTATTCTCGGTATTCACAAAAAGCTGGAGAGCCATTG
GGTGAACATTTAGAGTTGAAAATAATGATCTGGTAATCGCCGAATCCTTCATGGAGGAATGATAGATC
GACAAGGTCTGCTTACGTGGGAGATATCATTAAAGGAAGTCAATGGTCATGAGGTTGAAAACAATCCAAA
GGAATTACAAGAATTATTGAAAAATATTAGTGGAAAGTGCACCCTAAAAATTTTACCAAGTTACAGAGAT
ACTATTACTCCTCAGCAGAGTTACGTCAATATGGAGAGGCACCCAGCCACGTCCGTGAGGTATTTGTCA
AGTGTCAATTTGATTATAATCCATTCAATGATAACCTGATACCCTGCAAAGAAGCAGGACTAAAAATTTTC
CAAAGGAGAAATCTTCAGATTGTAACAGAGAAGACCCAAATTTGGTGGCAGGCTAGCCATGTGAAAGAG
GGAGGAAGTGCTGGTCTGATTCCAAGCCAGTTCCTGGAAGAGAAGAGAAAGGCATTTGTTCCGCCGAGACT
GGGACAATTCAGGACCCTTTTGTGGAACATAAGCAACAAGAAAAAGAAAAAGATGATGTACCTCACAAC
CAGGAATGCAGAGTTTGTATCGTCATGAAATTCAGATCTATGAGGAAGTAGCAAAAATGCCACCCTCCAA
CGGAAAACGTTAGTTTTGATCGGAGCTCAAGGTGTGGCAGAAGGAGCTTGAAAAACAGGTTCATAGTAC
TGAATCCTGCTAGATTTGGAACAACGGTGCCATTTACTTCACGGAAGCCAAGAGAAGACGAAAAGGATGG
ACAAGCATATAAATTTGTGTCGCCGATCAGAGATGGAAGCAGATATTAAGGCTGGGAAGTATTTGGAGCAT
GGGGAGTACGAAGGAAACCTGTATGGAACCAAGATCGACTCTATTCTCGAGGTTGTCCAGACTGGGCGGA
CTTGCAATTTTGGACGTCAACCCACAAGCACTGAAAGTGTAAAGGACTTCTGAATTCATGCCTTATGTGGT
GTTTATTGCTGCTCCAGAGCTAGAGACCTTGCCTGCCATGCACAAGGCTGTGGTGGATGCGGGAATCACC
ACCAAGCTTTTGGCGACTCTGACTTGAAGAAAACAGTGGATGAAAGTGCCCGAATTCAGAGAGCATACA
ACCACTACTTTGATTTGATCATCGTAAATGACAATCTAGACAAAGCCTTTGAGAACTACAACTGCCAT
TGAGAAACTGAGGATGGAGCCACAGTGGTCCCAATTAGCTGGGTGTAC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001164734
Insert Size: 1662 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_001164734.1](#), [NP_001158206.1](#)

RefSeq Size: 2222 bp

RefSeq ORF: 1662 bp

Locus ID: 56524

UniProt ID: [Q9JLB0](#)

Cytogenetics: 6 24.13 cM