

## Product datasheet for MC205192

### Ppfia3 (NM\_029741) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppfia3 (NM\_029741) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppfia3  
**Synonyms:** 2410127E16Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC058404  
GCGACTGCGGCCTCGCGGGGGAGGCTGTACGGTGACAAGGGCAGGGGGCTATTTTAGGGAGTAAGAAGG  
CTGTGAGACCGTGAGGGGGAGGGGGTCCCCAGCGCTGGAGCCGAGCAAGAGACCTGAGCCCGCCTA  
CGGGCGTAGACAGGGTTCCAGAGCTCCAGATCCGGGCCCGGCCCGCCAGGGGCCCGCCGGTGCC  
CTACCCACCCCGCTCCCTCCTGCAGCCAGCTCCTCCCGAGTCGTCGCGGACCAGGCCGGCACCCGCC  
GCCATGATGTGCGAGGTGATGCCTACCATCAGCGAGGATGGCCGGCGGGGCTCGGCGCTGGGCCCGGACG  
AGGCCGGCGGCGAGCTGGAGCGCCTCATGGTCACGATGCTCACAGAGCGCGAGCGCTGCTGGAGACGCT  
GCGAGAGGCGCAGGACGGGTTGGCGACAGCGCAGCTACGACTGCGCGAGCTCGGCCACGAGAAGGACTCG  
CTGCAGCGGCAGCTCAGCATCGCTCGCTCAGGAGTTTGGCGCTGACGAAGGAGCTTAACCTTATGTC  
GGGAACAGCTTCTGGAGAGGGAAGAAGAGATCGCAGAGCTGAAGGCGGAGCGAAACAACCCGGCTCCT  
TCTGGAACACCTTGAGTGCCTGGTGTCCAGGCACGAACGTTCCCTGCGAATGACTGTGGTGAACGCCAA  
GCCAGTCCCCTGGAGGGGTCTCCTCTGAGGTGGAGGTGCTCAAGGCTCTAAAATCCCTCTTTGAACACC  
ACAAAGCCCTGGATGAGAAGGTCGGGAAAGATTGCGGATGGCATTGGAGAATGAGTTGGCCAGCAAAGA  
GTCCCTGTACAGACAGAGTGAAGAGAAGAGCCGTGAGCTGGCAGAGTGGCTGGATGACGCCAAGCAGAAG  
CTGCAACAGACCTGCAGAAGGCCGAGACCTTACCAGAGATAGAGGCTCAGCTGGCGCAGCGCGTGGCTG  
CTCTGAACAAGGCTGAGGAACGCCATGGGAACCTTTGAAGAGAGGCTTCGGCAGCTGGAGGCACAGCTGGA  
GGAGAAGAACCAGGAGCTGCAGCGGGCCCGGCAGAGGGGAGAAAATGAACGATGACCACAATAAGCGACTG  
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GGCCTAGAGGAGAAGAAGCTGAGTGGAGGATTGCTAACATGAAGAACTTCAAGATGAGCTGCT  
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GGGGGCCAAGGATGAGTCTTCCAAGGACTGGGATCGGTCTGCCCTGCTGGGTCCATCCCACCCCGTTC  
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CAAGCTAATTCAAGAAGAGAAAAGAGACGACAGAGCAGCGTGCAGAAGAGCTGGAGAGCCGGGTGTCAGT  
TCTGGCCTTGACTCGCTGGGCCGTACCGAAGCAGCTGCTCACTGCCACCCTCCCTCACCACCTCCACCC



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TCGCCAGCCCCTCACCTCCCAGCTCTGGCCATTCCACCCCTCGTCTGGCACCCCCAGTCTGCCCGGGA
GGGTACTGACAAGACCAACCATGTCTCTAAGGAGGAAGCTGGAGTCCCACGAGGGGAGGGTCCAGCCGTT
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TGAAGCGGCTCAACTATGACCGGAAGGACTGGAGCGGAGGAGGGAAGAAAGCCAGACCCAAATCAGAGA
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TGTCTCGTGTTCGCGGGCCTCCCGCCCGTGTATGGCGGTGTCTGTGCCAAGGGTCAGGGACGC
AGCACTGCGTTCCTATTTCCCTCTGGCTCCGGGTTTGCATGGGAAAATCCCTCTGTCAACTATGCCGC
TGGCGATGTGGCTGGGAGAGGACGGACAATGGGGGAGCCCCACCCGACTCGGCTCTTGGCTCCAGG
CGTTACTCAGTGATCACGGGTAAGACCTACTGTTTCAAAGCAAAAAAAAAAAAAAAAAAAAAA

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**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_029741

**Insert Size:**

3132 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:** [BC058404](#), [AAH58404](#)

**RefSeq Size:** 4191 bp

**RefSeq ORF:** 3132 bp

**Locus ID:** 76787

**UniProt ID:** [P60469](#)

**Cytogenetics:** 7 B3

**Gene Summary:** May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates. [UniProtKB/Swiss-Prot Function]