

## Product datasheet for **MC223887**

### **Ppfia4 (NM\_001144855) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppfia4 (NM\_001144855) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppfia4  
**Synonyms:** 1110008G13Rik; 100042382; AI448359; AI852265; C81506; Gm3812  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223887 representing NM\_001144855  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTGTGAGGTGATGCCACAATCAATGAGGGGACCCCTGGGGCCCCCACGGTGCCGATGCTGAGG  
CCAACCTTTGAGCAGCTGATGGTGAACATGCTGGATGAGCGAGAGAAGTTGCTGGAGTCCCTTCGGGAGAG  
TCAGGAACTTTGGTAGCCACACAGAGCCGGCTCCAGGATGCCCTTCACGAGCGAGATCAGCTCCAGCGC  
CACCTGAACTCCGCCCTTCCCCAGGAATTTGCCACTTAACTCGGAGCTAAGCATGTGTGGGAGCAGC  
TTCTGGAGCGGGAGGAAGAGATATCTGAGCTGAAAGCAGAGCGGAATAACACAAGGCTGCTTCTGGAACA  
TCTGGAATGCCTCGTGTCCCGCCATGAGCGGTCATTGCGGATGACAGTGGTAAAACGGCAGGCCCAATCA  
CCTTCAGGTGTCTCCAGTGAGGTGGAGGTGCTGAAGGCCCTCAAGTCACTATTTGAGCACCACAAGGCC  
TGGATGAGAAGGTGCGAGAGCGGCTCCGGGCGCTCTAGAGCGGTTACTACCTGGAGGAGCAGTTGGC  
AGGAGCTCACCAGCAGGTATCTGCCCTGCAGCAGGGTGCAGGAATTCGGGATGGAGTAGCAGAAGAGGAA  
GGGACTGTGGATCTGGGACAAAACGCCCTGTGAAAGATGACACTGGCCGCGTGAAGAGCTGCAAGGAC  
TCTTGGAGAAGCAAACTATGAGTTGAGCCAGGCCCGTGAGCGGCTGGTCAACCCTGAGTCCACCCGTGAC  
TGAGCTGGAGGAGACCTGGGCACGGCCCGCCGACCTCATCAAGTCAGAGGAGCTGAGCAGCAAGCAT  
CAGCGGGACCTCCGAGAGGCTCTGGCTCAGAAGGAGGACATGGAAGAGAGAATCACCACACTGGAGAAGC  
GCTACTTGGCTGCTCAGCGAGAAGCCACATCCATCCATGACCTCAATGACAACTGGAGAATGAGCTGGC  
CAACAAGGAATCCCTGCACCGCCAGTGTGAGGAGAAAAGCCCGCATCTGCAGGAGCTGCTAGAAGTAGCA  
GAGCAGAAGTTGCAGCAGACCATGCGCAAGGCAGAGACTCTGCCGAGGTGGAGGCTGAGCTGTCTCAGA  
GAATCGCAGCCCTCACCAGGCTGAGGAACGTCATGGCAACATTGAGGAACATCTGCGGCAGCTGGAAGG  
GCAGCTGGAAGAGAAGAACCAGGAGCTGGCAAGGGTGCAGCGGGGAGAAGATGAATGAAGACCACAAC  
AAGCGGCTGTGAGACCCGTGGACCGGTTGCTTAGTGAGTCCAACGAACGCTGCAGCTCCACCTCAAGG  
AGCGAATGGCTGCCCTGGAGGAGAAGGGCCGTCTGTCTGAAGAGATTGAGAAGCTGCGCCAAGAGGTGGA  
CCAGCTGAAGGGTCGAGGGGGCCGTTTGTGGATGGCATCCACTCCAGGTCACACGTGGGACGGCAGCA  
GATGTGAGGTTCTCACTGAGTACAGCCACACGCGCCCCAGGCTGTCATCGAGCTATTTCGGCGCTGA



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GGGATGAATCTGCCAAGGACTGGAAGCCATCGCCACTGCCAGGGGTGTTGGGCGCCACCACGCCTGCCTT  
 TGACAGTGACCCTGAGATCTCTGATGTGGATGAGGATGAGCCTGGGGCTTGGTGGGCACTCAGGTGAT  
 GTCATCTCACCCGGTGGCCATTAGATGCCAGACCCTGGCCATGATGCTACAGGAGCAGCTGGATGCCA  
 TCAACCAGGAGATCAGGATGATCCAGGAGGAGAAGGAGTCCACTGAGCTTCGAGCTGAGGAGATTGAGAC  
 CCGTGTGACCAGCGGCAGCATGGAGGCCCTCAACCTGACCAGCTGCGCAAGCGTGGCTCTATCCCACC  
 TCTCTGACCGCCCTTTCCCTGGCCAGTGCATCTCCACCCTCAGTGGCCGCTCCACACCCCAAGCTCACTT  
 CCCGAAGTGTGCCCAGGATCTGGACCGAATGGGGTTCATGACCCTGCCAGCGACTAAGAAAGCATAG  
 GAGGAAGCTGCTGTCGCCAGTGTCTCGGAAGAGAACCGAGAGGATAAAGCCACCATAAAATGTGAGACT  
 TCTCTCTTCTCACCCAGGACCTGCGGCTAGAGAAGCTTGGCCACCCTGGCCTGAGTCAAGAGGAGG  
 GCAAGAGTGCCTTGGAGGGTCAAGACAGCAACCCAGCAGCAGCAACAGCAGCCAGGACTCCCTGCACAA  
 GGGCGCCAAGCGCAAGGGCATCAAGTATCCATTGGCCGCTGTTTGGGAAGAAGGAGAAGGGCAGGCTG  
 ATCCAGCTGAGTCGGGATGCCACGGCCATGTTCTGCTCAGACTCCGAGCTCAGTCTGCAGGAACCAA  
 TGGTACCTGCTAAGTTGGGGACCCAGGCAGAGAAGGACCGGCGACTGAAAAGAAACACCAGCTGCTTGA  
 AGATGCGCGCCGAAAAGGAATGCCCTTTGCCAATGGGATGGCCACCGTGGTCTCTGGCTGGAGCTC  
 TGGGTGGGGATGCCTGCCTGGTATGTGGCGCCCTGCCGGCCAATGTCAAGAGTGGCGCCATCATGTCCG  
 CCTGTGCGACACGGAGATCCAGCGGGAGATCGGCATCAGCAATGCCCTGCACAGGCTCAAGCTCCGCT  
 GGCCATCCAGGAGATGGTGTCACTGACGAGCCCTCAGCTCCACCTACCTCCAGGACTTCTTCAGGGAAT  
 GTCTGGGTGACCCACGAAGAGATGGAACTCTGGCAACATCTACCAAACAGACAGTGGAGGGGAGCT  
 GGGCCACAGCCCTGGCCTATGGAGACATGAATCACGAGTGGATTGGAAACGAATGGCTGCCAGCCTGGG  
 GCTCCCTCAGTACCGTAGTTACTTTCATGGAGTGCCTGGTGGATGCCCGCATGCTGGATCACCTCACCAAG  
 AAGGACCTGCGTGTCCATCTCAAGATGGTGGACAGTTCCATAGAACCAGTCTTCAGTATGGCATCATGT  
 GTCTGAAGAGGCTGAATTATGACCGGAAGAACTGGAAAAGAGGGGGAAGAGAGCCAGCATGAGATCAA  
 GGATGTGCTGGTCTGGACCAATGACCAGGTGGTTCAGTGGTCCAGTCTATAGGGCTAAGGGACTATGCA  
 GAAACCTACACGAGAGTGGTGTGCATGGCGCCCTGCTGGCCCTGGATGAAAACCTCGACCACAACACAC  
 TGGCCTTGGTCTGCAGATCCCCACACAGACACCCAGGCCCGCCAAGTATGGAGAGAGAGTTCATAAA  
 CCTGTTGGCCTTGGGCACAGACAGGAAATTGGATGACGGAGAAGAGAAGGTGTTCCGCCGAGCACCTCC  
 TGGAGGAAACGCTTCCGGCCTCGGGATCACCATAGCGGTGGCATGTTGGGCACCTCAGCGGAGACCTCC  
 CGGCGGGCTTCCGTGTGTCCACGCTGGTCCGCTGCAGCCTCCACCTGCCCGCCTAAGAAGATCATGCC  
 GGAAGCCGGGACGGCGGGGGCGCAGAGACTGGAGCCCTACGGTCCGGACCTACTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001144855
- Insert Size:** 3564 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\\_001144855.1](#), [NP\\_001138327.1](#)

**RefSeq Size:** 6067 bp

**RefSeq ORF:** 3564 bp

**Locus ID:** 68507

**Cytogenetics:** 1 E4