

## Product datasheet for MC224117

### Ppfia1 (NM\_001195086) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ppfia1 (NM_001195086) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppfia1
Synonyms:	C030014K08Rik; C87158; LIP.1; LIP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224117 representing NM_001195086 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGTGCGAGGTGATGCCGACCATTAGTGAAGCAGAAGGCCCTCCAGGAGGAGGTGGGAGCCATGGGT  
CAGGCTCCCTTCACAGCCAGATGCTGATTCGCATTTTGAGCAGCTCATGGTTTCCATGTTGGAAGAACG  
GGACCGCTTCTGGACACACTAAGAGAGACACAAGAACTGGCATTAAACCAGGGGAAGTTGCATGAA  
GTTGGTCATGAAAGAGATTCTTTGCAGAGGCAGCTCAATACTGCCTTCCACAGGAGTTTCTGCGCTCA  
CGAAGGAACTCAATGTGTGCAGGAGCAGCTTCTAGAGAGAGAGGAAATAATCGCCGAGCTGAAGGCAGA  
GAGGAACAACACTAGGCTGCTGTTGGAGCACCTAGAGTGCCTTGTCTCCAGGCATGAGCGCTCTCTCCGG  
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CATAGACAGGCAGCGAGAGAGCAGAGCCAGATGAAGGAGCGCCTGGCCTCCCTGTCCAGTCATGCAGCA  
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AATAAAGACTCCATGCACCGACAGACAGAAGACAAGAACCAGTTGCAAGAGCGTCTGGAGTTGGCCG  
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TAGAAGAGACCCAGCATGATAAGGACCAACTTGTCTGACTATTGAAGCCCTGAAGGCTGAGCTGGAGCA  
 GATGAGACTGAGAGGTCCTTCACTCCATCATGGCCGACCCATTTGGGCAGCGTCCCGGACTTCAGGTTC  
 TCTGTGGCAGACGGACATGTGGATGCTTACAGCACCAGTGCAGTGTTCGGCGCCCCAGAAGGGCCGAC  
 TGGCAGCGCTGCGGGATGAGCCCTCAAGGTGCAGACCCTCAATGAGCAGGACTGGGAACGGGCCAAC  
 AGCCAGCGTCTTGGCAAATGTGGCACAGGCATTTGAGAGTGTGTCGATGTCTGATGGTGAAGATGAC  
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 AGAACAGCGGGCAGAGGAGATCGAGAGCAGAGTGGGCAGTGAAGCTTGGACAATCTTGGTCGTTTTAGA  
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 CTTGCCGAGCAAATGTCAAGAGTGGTGCATCATGTGACCCCTGTGAGACTGAGATCCAGCGGGAGAT  
 TGGCATCAGCAACCCCTGCATAGGCTGAAGCTGCGGCTGGCCATCCAAGAGATAATGTCAGTACTAGC  
 CCTTCTGCTCCACCACATCCAGGACGACCACAGGAAATGTCTGGTTGACACATGAAGAGATGGAACGC  
 TTACAGCCACGCCACAACGGAAGACGAGGAGGGAAGCTGGGCTCAGACTCTAGCATATGGGACATGAA  
 CCACGAGTGGATCGGCAATGAGTGGCTGCCAGCCTGGGCTGCCGAGTACCGCAGTACTTTATGGAG  
 TGCTTTGTAGATGCCCGGATGCTGGACCACTTGACCAAGAAAGACTTGGCAGGGCAGCTGAAGATGGTCTG  
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 ACTGGAAGAAAAAGAGAAGAGAGTCAAGATGAGACAAGAGATGTGCTTGTGGAGCAATGACCGGGTGT  
 ATTCGCTGGATCTGTCGATTGGCCTTAAAGAGTATGCCAACAACCTAATAGAGAGCGGTGTTACAGGTTG  
 CACTTCTGGCTTTGGACGAGACTTTCGATTTTCAAGTCCCTGGCAGTCTTGTACAGATTTCAACACAGAA  
 TACGACGCTCGAGCTGTCTTGGAAAGAGAATCAACAACCTTTTATCAGCGGGACTGATCGGAGGTTT  
 GATGAGGATGATGACAAAAGCTTACAGGAGGCGCCTTCTGGAGGAAGAAGTTACAGACAAAGGACATTC  
 GTGGCTTGGCCTCTGGCTCTGCAGAGACTTGCCTGCCAACTTCCGGGTACCTCCTCAATGTCATCTCC  
 CTCTATGCAGCCAAAGAAGGTTTCAAGTGGACGGTGTGTGTCGGAGCACAGAGGTTGGACTCTGCCACA  
 GTCAGGACTTACTCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001195086
- Insert Size:** 3801 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\_001195086.1, NP\_001182015.1

**RefSeq Size:** 5259 bp

**RefSeq ORF:** 3801 bp

**Locus ID:** 233977

**Cytogenetics:** 7 F5