

Product datasheet for RN210272

Ppfia1 (NM_001106320) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppfia1 (NM_001106320) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppfia1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210272 representing NM_001106320 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGATGTGCGAGGTGATGCCACCATTAGTGAAGCGGAAGGACCCAGGAGGAGTGGGAGCCATGGGT
CAGGCTCCCCTCCCAGCCAGACGCTGATTCGCATTTTGAGCAGCTCATGGTTTCCATGCTGGAAGAGCG
AGACCGCCTTCTGGACACACTGAGAGAGACACAAGAAACGCTGGCATTAAACCAGGGAAGTTGCATGAA
GTTGGTCATGAAAGAGATTCTTTGCAGAGGCAGCTCAACTGCACTTCCACAGGAGTTTCTGCACTCA
CGAAGGAACTCAATGTGTGTCGGGAGCAGCTTCTGGAGAGAGAGGAAATGCTGAGCTGAAGGCAGA
GAGGAACAACACTAGGCTGCTGTTGGAGCACCTAGAGTGCCTTGTCTCCAGGCACGAGCGCTCTCTACGT
ATGACAGTGGTGAAGAGGCAGGCACAGTACCTGCGGGCGTGTCCAGTGAGGTGGAGGTTCTGAAAGCCC
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AGTCAGAAGAAAGCACTAACAGAGGGAATGCTTGTGGAACACGAACAGGAAAATGCACCGAGCACCA
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GACTGAGAGGTTCTTCACTTCATCATGGCCGACCCATTTGGGCAGTGTCCCGACTTCAGGTTCTCTGT
GGCAGACGGGCATGTGGATGCTTACAGCACCAGTGCAGTGTGCGGCGCCCCAGAAGGGCCGCTGGCA



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GCGCTGCGGGACGAGCCCTCCAAGGTGCAGACCCTCAATGAACAGGACTGGGAACGGGCCCAACAAGCCA
 GCGTCTTGGCAAATGTGGCACAGGCATTTGAGAGTGATGTGGATGTGTCTGATGGTGAAGATGACCGAGA
 CACTCTGCTCAGCTCAGTTGATCTGCTGTACCCAGTGGGCAAGCTGATGCCAGACCCTGGCCATGATG
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 GCCTGGTCCGCTGGGCAAGGAGTACCAGGGCAAGCTGGTGTTCAGAGACAGAAAATTCATCTCAAGAT
 GCCTTGGGACTCAGCAAATGGGAGGGCAAGCTGAGAAAAACCGAAAACCTCAGAAAAAGCATGAGCTGC
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 GGCTGGCTATCCAAGAGATAATGCTACTGACTAGCCCTTCTGCTCCACCCACATCTAGGACGACGCTAGC
 ATATGGGGACATGAACCACGAGTGGATTGGCAACGAGTGGCTGCCAGCTTGGGCCCTGCCGAGTACCGC
 AGCTACTTCATGGAGTGCCTTGTGATGCCGGATGCTGGATCACCTGACCAAGAAGACCTTCGAGGGC
 AGCTGAAGATGGTCGACAGCTCCATAGAAACAGTTTCCAGTGTGGAATTATGTGCTGAGAAGGTTGAA
 TTATGATCGAAAAGAAGTGGAAAGAAAACGAGAAGAGAGTCAGAATGAGACAAGAGATGTGCTTGTTTGG
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 GCGGTGTTACGGCCGCACTTCTGGCCTTGAGCAGAGAGCTTCGATTCAGCGCCCTGGCAGCTTTGTTACA
 GATTCCAACACAGAATACACAGGCTCGCGCTGTCTTGGAAAGAGAATTCAACAACCTTTTGGTCACCGGG
 ACTGATCGGAGGTTTGTGAGGATGATGACAAAAGCTTCAAGGAGGCACCTTCTGGAGGAAGAAGTTCA
 GACCAAAGGACATCCGTGGCTTGGCTTCTGGCTCTGCAGAGAGCTTGCCTGCCAACTTCCGGGTACCTC
 CTCTATGTCATCTCCCTCTATGCAGCCAAAGAAGGTTTCAGATGGACGTTTACCCACTACTTCTACAGA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106320
- Insert Size:** 3573 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_001106320.2](#), [NP_001099790.2](#)

RefSeq Size: 4789 bp

RefSeq ORF: 3573 bp

Locus ID: 293645

Cytogenetics: 1q42