

Product datasheet for RN207506

Ppfia2 (NM_001108745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppfia2 (NM_001108745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppfia2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207506 representing NM_001108745 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTGCGAAGTGATGCCACGATTAATGAGGACACCCCAATGAGCCAACGGGGTCCCAAAGTAGTG
GCTCTGACTCGGACTCCCCTTTGAGCAACTGATGGTCAATATGCTAGATGAAAGGGACCGTTTACTGGA
CACACTTCGAGAGACTCAGGAAAGCCTCTCGCTTGCCAGCAAAGACTCCAGGATGTCATCTACGACCGA
GATTCCTCCAGAGACAGCTTAATTCAGCCCTGCCTCAGGACATCGAATCTCTAACAGGAGGCTGACTG
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CCTCTGGAGTGTCCAGTGAAGTGGAGTTCTCAAGGCACTGAAATCTTTGTTTGAGCACCACAAAGCCTT
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GCAGCTAATCAGGAGATTGTTGCCTTGCCTGAGCAAAATGTTTCATATTCAAAGAAAAATGGTATCGAGTG
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TTGGAAGAGAAGAAATGTTTTGATTCAAGAATCAGAAACCTCAGAAAAAATCTTGAAGAGTCTTACATG
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CTCTCTAATTGAACCAACTATATCGAGAACTCATCTAGACACCTCCGCTGAGTTGCGGTATTCAGTTGGG
 TCCCTCGTAGACAGCCAGTCTGATTACAGAACCACTAAAGTAATACGAAGACCAAGGAGAGGCCGCATGG
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 ATTTTCAGCTCAATGGATCTTCTCTCCAAGTGGCCATTCTGATGCCAGACGCTAGCTATGATGCTTC
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 TGCTGAAGAAATCGAGAATAGGGTGGCTAGTGTAAAGCTTGAAGGCTGAACTTGGCAAGGGTCCATCCT
 GGTACCTCCATCACTGCTTCTGTTACAGCTTCATCACTGGCCAGTTCATCTCCCCAAGTGGACACTCAA
 CGCCAAAGCTTACACCAAGAAGCCCGGCCAGGGAATGGACCGTATGGGAGTCATGACCCTGCCAAGTGA
 TCTAAGGAAACATCGGAGAAAGATTGCAGTGGTGAAGAAGATGGGCGGGAAGATAAAGCAACAATTA
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 ATGAGGCCCGGAGCAGTTTATCTGCCTCTTGGCCAGATAGACTTGGGCTTGGCAGTGCCAAATAGCAG
 CCAGGACTCTCTCACAAAGCCCCGAAGAAGAAAGGAATCAAGTCTTCAATTGGGCGTTTGTGGTAA
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 TATCAGACACTGAAATCCAAAGGGAGATTGGAATCAGCAACCCTCTGCACCGCTTAAAGCTCAGACTAGC
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 TGGGTGACCCATGAAGAAATGGAACCTCGCAGCTCCAGCAAAAACGAAAGAATCTGAGGAAGGAAGCT
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 AGATGTTTTAGTGTGGAGCAATGATCGAGTTATTCGCTGGATCCAAGCGATTGGACTTCGGGAATATGCC
 AATAACATTCTTGGAGTGGAGTGCATGGCTCACTCATAGCCCTGGATGAGAACTTTGACTACAGCAGCC
 TAGCTCTACTGCTGCAGATTCACACGCAGAACACCCAGGCAAGGCAGATTCTTGAACGCGAGTATAATAA
 CCTCTTGGCTCTGGAACTGAGCGGCGACTGGATGAAAGTATGACAAGAATTTAGACGCGGATCAACC
 TGGCGAAGGCAGTTCCTCCTCGCGAGGTACACGGAATCAGCATGATGCCTGGATCCTCAGAAACATTAC
 CAGCTGGATTGAGTTGACCACAACATCTGGGCAGTCCAGAAAAATGACGACAGATGTTGCTTCATCAAG
 ACTGCAGAGGTTAGACAACCTCACTGTTTCGCACATACTCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108745

Insert Size:

3756 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_001108745.1, NP_001102215.1

RefSeq Size: 4986 bp

RefSeq ORF: 3756 bp

Locus ID: 362876

Cytogenetics: 7q21