

Product datasheet for **RN217204**

Ppp1r21 (NM_001271305) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r21 (NM_001271305) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r21
Synonyms:	RGD1565310
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217204 representing NM_001271305
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTCCGAGAGTTGCAGGGGAAGTACCAGAAGCTGGCTCAGGAGTACTCGAAGCTTCGAGCTCAGA
 ATCAGGTCTGAAGAAAGGTGTTGTGGATGAGCAGGCCAGCTCTGCTGCTCTAAAGGAGCAACTGAAAAT
 GAAGGACCAGTCTTGAGGAAACTACAACAGGAAATGGACAGTTTGACATTTTCAAAATCTGCAGCTTGCC
 AAGAGGGTGAAGTCTTCAAGACGAGCTGGCGTGAGTGAGCCGAGAGGCAAGAAAAACAAGAAAGTG
 GCGAATCTTCTCAGTTGAGCCAAGAGCAAAAGAGTGTCTTTGATGAAGATTTGCAAAAGAAAATCGA
 GGAGAACGAACGGCTGCACATACAGTTTTTGAAGCTGATGAGCACCACAAGCTTGTGGAAGCGGAGCTG
 CGGAGTCGGCTGGCCACTCTGGAACAGAAAGCTGCTCAGCACCAGGCTGTGATTGACGGCTGACCCGGA
 AGTACATGGAGACCATTGAGAACTCCAGAATGACAAGGCAAAGCTAGAAGTAAAATCTCAGACTCTAGA
 AAAGGAGGCCAAGGAATGCCGACTTCGAACAGAGGAGTGTCAATTACAGCTAAAGAATCTTCATGAAGAT
 TTGTCAGGTAGATTAGAAGAATCCTTATCAATCATCAATGAAAAAGTCCCTTTTAAACGATACAAAGTGTA
 ATCAGTACAACGCTCTCAACGTTCCCTTGACAATAGGCGGCACCAGCTGAAGATGCGGGATTTAGCTGG
 GCAGGCCCTGGCCTTTGTTTCCAGGATCTTGTGCCGGCTCTTCTGAAGTTTACACCTATACCGAGCAGAGG
 ATTCAGATCTTCCCTGTTGATTCGGCCATAGACACTATATCACCATTGAATCAGAAGTTCTCCCAACACC
 TTCATGAAAACGCAGCGTATGTCGCCCCCTGGAGGAAGGAATGCTGCATTTATTTGAGAGCATTACAGA
 AGATACTGTGACTGTCTGGAGACAAGTGTAAATGAAAGTGTCTCAGACCACCTAACTTCTATGTA
 CGCTTCTGAGGAAGATCCTTCTTATCAGTTAAAAAGTTTAGAAGAAGAATGTGAATCTTCCCTTTGCA
 CACCTGCATTGAGAGCCAGGAACCTGGAGCTGTCCAGGACATGAAGAGGATGACAGCCGTGTTGAAAA
 GCTGCAGACGTACATCACTCTCCTCGCCTTGCCAAAGTACAGAGCCAGATGGACTCCTTCGGACAAACTAC
 ACTTCTGTCTTAACAAATGTTGGTGCTGCTCTGCATGGATTTTCATGACGTGATGAAAGATATTTCCAAGC
 ACTATAGTCAAAAGGCTTCCATAGAGCATGAACTTCCAACAGCAACGCAGAAGCTGGTAACGACTAACGA
 CTGCATTTTGTCTCAGCAGTGGCGTTAACAACCGGAGCGGGGAAGATTGCATCTTCTTTCAGCAACAAC
 ATGGACTACTTATTGCTTCACTGAGCTATGGACCAAGACAGCCAGTGGATTTCATTAGTCCCCTCTCAG
 CTGAATGCATGCTACAGTACAAGAAGAAAGCTGCTGCCTATATGAAGTCTTTGAGAAAGCCCTGGCAGA
 GTCTGTACCTTATGAGGAAGCATTGGCCAACCGCCGGTTCTTCTCAGCTCTACGGAGAGTCGGGAAGGC
 CTCGCACAGCAGTTCAGCAGAGTTTGGAAAAGATTTCTAAACTGGAGCAGGAAAAAGAACATTGGATGT
 TAGAAGCACAGTTAGCCAAAATCAAGCTGGAGAAAGAAAACCAGCGGATTGCGGACAGGCTGAGGAGCAC
 GAGCAGTGCCAGCTGCTTGGGCTGGCCAGGAGAATGCCACTGTGTCCATTGCTTCAGGCCAGGAGGAG
 GCTGCAGCCAAGGCCCTGACAGAGCCTGTGCAGAGCACCAGTCTGATCGGGATTTAACCAGGACTCCAG
 AAAGTGAGGCTCCCGACATTGAGTCCCCTGAAGACCTAATTAAGAGTCACTACATGGCCAGGATAGCAGA
 GCTCACGTCTCAGCTGCAGCTGGCTGACAGTAAGTCACTACACTTCTACGCCGAGTGCCGAGCGCTCTCT
 AAGAGACTAGCCCTGGCGGAGAAGTCAAGGAGACGCTGACAGAGGAGATGAGGCTGGCCAGTCAAGACG
 TCAGCAGGCTGCAGGATGAGCTGACCACCACCAAGAGGAGCTACGAGGATCAGCTGAGCATGATGAGCGA
 CCACCTGTGCAGCATGAACGAGACGCTGTCCAAGCAGAGGGACGAGATCGACACGCTCAAGATGTCCAGT
 AAGGGAAATGCTAAGAAGAACAGGAGTCGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001271305
Insert Size: 2343 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001271305.1, NP_001258234.1</u>
RefSeq Size:	3116 bp
RefSeq ORF:	2343 bp
Locus ID:	362697
Cytogenetics:	6q12