

Product datasheet for **RN207648**

Ppp1r36 (NM_001013944) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r36 (NM_001013944) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r36
Synonyms:	RGD1309051
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207648 representing NM_001013944 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTACAAGGTGAGACCTTGTCTCCATCCCAGAGTTGTACCCAGGAGGAAGCAGTTTGTGGGCAAT
CCTCTACCCGACTGGACCAATGTGGATTACGGCTAGGAATGTGGTACTGGAAAGACGAAACAAATCTCT
GGAATTTAGAAGTTTACACCTGCAGTAGAACTGAAGGAGAAAGGCAAGAAAGGGAAGGCGTTCACTTT
GCTGAGATGGACGGCACAGCTTCAGAAAGATTGACAGATAAAAGTTTGTCCCAAGGGATGAAAAGTCAG
CTAAGACTTTGGAGAAGCGAGGCCAGCAGGGCAACGTACGCTGGATGACGTCAAGTTTGTGCGCTGCT
TTCCCTCCAAGACACTGAAATGCAGAGGGTCTGCTCCTTCACAACGTTTATGAGGAATAAGAGTCTCGAC
AGCTTCCTCATGGCACTGTTGTACTATCTGCTTATTACCTGGAGAGACTCTCAATGGAAAAAGAGCCCC
AAAGCTACATGGTAGGCCTGGTAGAGAAGAAAGAGATAGAGCTGGTTATGAGCAAGTTAGAAGACGCACA
GAAGTACCTGGCGCAGAAGTACTGCAAACTCGTGCTGGGCGTCGGCATGGCGGACAAGCATCACATGAAC
TGTGGAAGGACAAAATATCAGACACAAAAAGACTGGAAATCTTTGAGTCCTTTATACCTTCTGTA
CCTGCATAGCCTGGATCGTCTTCCGACGTCAGTACTTGAAAGAGATTGAGGAAGAGGTGGCAGGCTTTT
TCGGACCAATATGTTCAACATTCCTCGAAGGAAGCGTGAAGACGAAGAGTCAGGAGGAGAGAAGAAGCGC
ATGACCTTGGTACAATTCAGGAGAATGATGGCAAAGCGTCCAGCCATTAAGGAGGATGGACATGCGCT
CCCCAGTTTGTCTACACTGCTGCGCTCTCTCAGAGAAAAAGCTCAGCATATCGCTGAGAAAAAGTACGT
GGCAGGCATCAAACTCCAACCCGAGTGGAAGGACATAACGAATCTGGAGTCTGTGGTTATGCCCGTA
GTTGGCATCTTGGGGGAACCTCGAAATCTATTCAACCCGATACTCTCTCCCCCTTGAATCAGAAGAAA
ATGGAAAAACAAGCGGAAGAAATCTTCTATAGTAGAGAGAAATAACACAAGTATTCAGAACACACTGAA
TTTGGTCATGTCAAACTAACTTCGAAAACTCCTTCCTAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013944
Insert Size:	1236 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:	<u>NM_001013944.1, NP_001013966.1</u>
RefSeq Size:	1463 bp
RefSeq ORF:	1236 bp
Locus ID:	299153
UniProt ID:	<u>Q68FW6</u>
Cytogenetics:	6q24
Gene Summary:	Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.[UniProtKB/Swiss-Prot Function]