

Product datasheet for **RN207180**

Ppp1r37 (NM_001107482) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r37 (NM_001107482) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r37
Synonyms:	Lrrc68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207180 representing NM_001107482
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATCCCGCCGAGGAGGCTCCGCCCGGGCCGGGCGGACGCCGACGAGATGCCGAGGCCGAGG
 AGGCCCCAGCCGAAGCTGGGTCTTCCAGCGGAGCTTCGCCCCCAACCGATGGGCGCCTTAAAGCTGCGGC
 CAAGCGTGTCACGTTCCCGTCGGACGAAGACATCGTGTCGGAGCTGTGGAGCCAAAGACCCCTGGAGA
 CACGCCCAGAACGTGACGGTGGATGAGGTGATCAGTGCCTACAGGCAGGCCTGCCAGAAGCTGAAGTGA
 GACAGATCCCCAAGCTCCTCAGGCAGCTGCAGGAGTTCACCGACCTTGAGCAACGCATCAACTGCCTGGA
 CCTAAAGGGGAGAAGCTTGACTACAAGACCTGTGAGGCTCTGGAGGAGGTCTTTAAGAGACTGCAGTTC
 AAGGTCGTGGACCTGGAGCAAACCAACTTGGATGAAGATGGTGCCTCAGCCCTCTTGACATGATTGAAT
 ACTACGAGTCGGCCACCCACCTCAACATCTCTTTCAACAAGCACATCGGCACTCGAGGCTGGCAGGCTGC
 TGCCACATGATGCGCAAGACGAGTTGCCTACAGTACCTAGATGCCCGCAACACACCCCTGCTGGACCAC
 TCGGCACCCTTTGTGGCTCGCGCCCTCCGCATCCGCAGCAGCCTGGCAGTGCTGCACCTAGAAAAATGCCA
 GCCTGTCCGGGCGGCCCTCATGCTGCTGGCCACAGCTCTGAAGATGAACATGAACCTACAGAAGTGT
 CTTGGCGGACAACAAGCTCAACGGCCTTCAGGACTCGGCCAGCTGGGCAACTTGCTCAAGTTCAACTGC
 TCCCTGCAAACTCTGGACCTGCGGAACAACACGTGCTGGACTCAGGTCTGGCCTACATCTGCGAGGGTC
 TCAAGGAGCAGAGGAAGGGGCTGGTGACCTGGTGCTGTGGAACAACAGCTCACACACACAGGCATGGC
 CTTCTTGGCATGGCGCTGCCACACACAGAGTCTGGAGACTGAACCTGGGCCACAACCCATTGGG
 AATGAGGGTGTCCGAAATCTCAAGAATGGGCTCATCAGCAACCGCAGTGTGCTGCGCCTCGGCCTGCCT
 CAACCAAGCTCACATGCGAGGGCGCGGTGGCCGTGGCAGAGTTCATCGCCGAGAGCCCCGCCTCCTGAG
 ACTGGACCTCCGGGAGAACGAGATCAAGACAGGCGGGCTCATGGCGCTGTCCTTGCCCTCAAGGTGAAC
 CACTCCCTGCTTCGCTGGACCTGGACCGAGAGCCCAAGAAGGAGCCGGTGAAGAGCTTCATCGAGACAC
 AAAAGGCGCTACTGGCTGAGATCCAGAATGGTGCAAACGAAACTTTGTGCTGGTGCGAGAACGTGAGGA
 GAAGCAGCAGCTGCAGCCGTGAGCCTCCATGCCTGAGATCACCATCACCGCACCCAGCCCTAGAAGAG
 TCTGGGGATCTGCCAGCCATGGGGCTCAGAATGGGACCCCTGGGCTGGGCTGGCCCTGACTCAGACT
 CAGACTCAGACTCTGACAGGGAGGAGCAGGAGGAAGAGGAGGAGGACCAATCAGACCAGCAGAGGGACGA
 GGGGGGCACTGACCAGAGTTCCTCGGCCCTGCCCTGCCCTCCTACCCTCCACGACTCCCTAGGCCCT
 GGTGACAAAAGCCCCCAGGGAGCCCTCCTCCCCACTGAGCAGCGTATTTCTGTCTCCAGCCCAGGCC
 GAGGTACAAGGTATTTGTGGTGACCCGGGTGGAGAGTCCACCTGAGAGGCCAGAGCCCCCTGTTCTCTCC
 CACCTCTGTCTCTCTCTCCACCTCTCTCCCTCCCCGCTGCCTCTCCACCATCTCAGACCATGGAC
 ACCCAGGACCCAGAGTATCCGAGGCTCAGCCCCAGACGGAGCCATCTCAGGCAGGGCAGCCACTGCCCA
 ATGGCCTGAAGCCTGAGTTTGCCTCGCGCTAGCCCCAGAAGACCCCAAGGGCTGGAGGCTAAGGGTAG
 CAGCTGCAGCCTGGAGCACGCACTGCACCGCTCCCATGGTGTGAGCAAGCTGGAGGAAGTCTTCTAGAG
 GCCAGTCAGGAGGCCCGCGGGACACT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107482
Insert Size: 2133 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_001107482.1, NP_001100952.1</u>
RefSeq Size:	2933 bp
RefSeq ORF:	2133 bp
Locus ID:	308398
UniProt ID:	<u>B2RYF1</u>
Cytogenetics:	1q21
Gene Summary:	Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.[UniProtKB/Swiss-Prot Function]