

Product datasheet for **MC221046**

Ppp1r37 (NM_199149) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r37 (NM_199149) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r37
Synonyms:	Gm158; Lrrc68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221046 representing NM_199149
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATCCCGCCGAGGAGGCTCCGCCCGGCCGGCGCGGACGCCGACGCGGACCGGGAGGCCGAGA
 CCGAGGAGGCCTCCGCCAAGCTGAGTCTCTACCGGGACCTCGCCCCGGCCGATGGCCGCTTAAGGC
 TGCTGCCAAGCGTGTACGTTCCCATCTGACGAGGACATCGTGTCTGGAGCGGTGGAGCCAAAGACCCC
 TGGAGACACGCCAGAATGTGACGGTGGACGAGGTGATCAGTGCCTACAGACAGGCCTGCCAGAAGCTGA
 ACTGCCGACAAAATCCCAAGCTCCTCAGGCAGCTGCAGGAGTTCACGGATCTTGAGCAACGCATCAACTG
 CCTGGACCTGAAAGGGGAGAAGCTTGATTATAAGACCTGTGAGGCTCTGGAGGAGGTCTTTAAGAGGCTG
 CAGTTCAAGGTTGTGGACCTGGAGCAAACCACTTAGATGAGGATGGTGCCTCAGCCCTCTTTGACATGA
 TTGAGTACTACGAGTCGGCCACCCACCTCAACATCTCTTTCAACAAGCACATCGGCACTCGGGGCTGGCA
 GGCTGCTGCCACATGATGCGCAAGACAAGTTGCCTACAGTACCTAGATGCCCGCAACACACCCCTGCTG
 GACCACTCGGCACCCCTTTGTGGCTCGCGCCCTGCGCATCCGCAGCAGCCTGGCAGTGTGCACCTAGAAA
 ATGCCAGCCTGTCCGGGCGGCCCTCATGCTGCTGGCCACAGCCCTGAAGATGAACATGAACCTCCGAGA
 ACTGTACTTGGCAGACAACAAGCTCAACGGTCTGCAGGACTCTGCCAGCTGGGCAACTTGTCAAATTC
 AACTGCTCCCTGCAAAATCTGGACCTGCGGAACAACCAGTGTGGACTCAGGTCTGGCCTACATCTGCG
 AGGGTCTCAAGGAGCAGAGGAAAGGGCTGGTGACCCTGGTGTGTGGAACAACCAGCTCACACACACGGG
 CATGGCCTTCTTGGGCATGGCACTGCCACACACAGAGTCTGGAGACTGAACCTGGGCCACAACCCC
 ATTTGGGAACGAGGGTGTACGAAACCTCAAGAATGGGCTCATCAGCAACCCAGTGTGCTGCGCCTCGGCC
 TCGCCTCAACCAAGCTCACGTGCGAGGGCGGGTGGCCGTGGCAGAGTTTCATCGCCGAGAGCCCGCCGCT
 CCTGAGACTGGACCTCCGGGAAAACGAGATCAAGACAGGCGGGCTCATGGCGCTGTCTTTGGCCCTCAAG
 GTGAACCACTCCCTGCTTCGATTGGACCTGGACCGAGAGCCCAAGAAAGGCCGGTGAAGAGCTTCATCG
 AGACGCAGAAGGCACTACTGGCTGAGATCCAGAACGGCTGCAAGCGCAACTTTGTGCTGGTTCGAGAGCG
 TGAGGAGAAGCAGCAGCTGCAGCTGTCAGCCTCCATGCCTGAGATCACCATCACTGCACCGCAGCCCTG
 GAAGAGTCTGGGAGCTGCCAGCCGTCGGGTCTCAGAATGGGGCCCTCGCCCTGGACCTGGCCCTGACT
 CAGACTCAGACTCAGACTCTGACAGGGAGGAGCAGGAGGAAGAGGAGGAGGACCAACGAAACCAGCAGAG
 GGATGAGGGGGCAACGACCAGAGCTCCTTGGCCTCCTGCCCTGCCCTCATACCTCCACAGACTCCCTA
 GGCCCTGGTGACAAGAGCCCCCAAGCAGCCCTCCTCTCCCACTGAGCAGCGTATTTCTGTCTCCAGCC
 CAGGCCGAGGCCACAAGGTATTTGTGGTACCCGGGTGGAGAGTCCACCTGAGAGGCCAGAGCCCTGT
 TCCTCCCACCTTTGTCTCCTCTCCTCCACCCCTCCTCCTCCCTCCCGCCTGCCTCTCCACCATCTCAGACC
 ATGGACACCCAGGACCCAGAGTCATCTGAGGCTCAGCCCCAGCTGGAGCCATCTCAGGCAGGGCAGCCAC
 TGCCCAATGGCCTGAAGCCTGAGTTTGGCCTCGCACTTCCCCAGAGCCTCCCCAGGGCTGGAGGCTAA
 GGGAGGCAGCTGCAGCCTGGAGCACGCACTGCACCGCTCCAGGGTGTAGCAAGCTGGAGGAAGTCTT
 CTAGAGGCCAGTCAGGAGGCCCGGGACACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_199149

Insert Size: 2139 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:	<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_199149.3</u> , <u>NP_954600.1</u>
RefSeq Size:	2971 bp
RefSeq ORF:	2139 bp
Locus ID:	232947
UniProt ID:	<u>Q8BKR5</u>
Cytogenetics:	7 A3
Gene Summary:	Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.[UniProtKB/Swiss-Prot Function]