

Product datasheet for **MC221595**

Ppp1r12c (NM_029834) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r12c (NM_029834) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r12c
Synonyms:	2410197A17Rik; AI839747; B430101M08; Mbs85
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221595 representing NM_029834
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGCGCAGGATGGTCCGGCAGCGGGCCCGGGGGCGCGCGGCTGCTGCGGCCCGGTGAGCGGC
 GGCAGGAGCAGCTGCGGCAGTGGGGGGCTCGGGCGGGCGCCGACCGGGCCCGGGAGCGCGAGCCCG
 CACGGTCCGCTTCGAGCGCGCCGCTGAGTTCCTGGCGGCCTGCGCGGGGGCGATCTGGACGAGGCTCGC
 CTGATGCTGCGCGCAGCGGATCCCGGTCCCGGCTCCGGCGCTGCGTCCGACCCCGCGCTCCCTCCGCCTG
 CCCGTGCCGTGCTCGACTCCACCAACGCGGATGGCATCAGCGCCCTGCACCAGGCTGCATAGATGAGAA
 CCTGGAAGTCGTTTCGCTTCTGGTGGAGCAGGGTACTGTGAACCAGGCAGACAACGAGGGCTGGACG
 CCTCTGCATGTGGCTGCCTCTGTGGTACCTGGACATTGCCAGGTACCTCCTGAGCCATGGGGCAACA
 TTGCTGCTGTCAACAGTGACGGGACCTGCCTTTGGACCTGGCTGAGTCAGATGCCATGGAGGGCTGCT
 GAAGGCAGAGATCACTCGCCGAGGTGTGGATGTCGAGGCAGCCAAGCGGGCTGAAGAAGAATTGCTGCTT
 CATGACACAAGGTGCTGGCTGAATGGGGGTGCTATGCCAGAGGCCAGGCACCCCGGACTGGGGCCTCTG
 CCCTGCATGTGGCTGCTGCCAAGGGCTACATCGAGGTGATGAGGTTGCTACTCCAAGCTGGCTATGACAC
 AGAGTCCCGGATGGAGATGGCTGGACACCCTTGCATGCAGCAGCCACTGGGGTGTGGAGGATGCCTGC
 CGTCTGCTGGCTGAGCATGGCGGGGCATGGATTGCTGACCCACGCGGGGCAGCGTCCCTGTGACCTGG
 CTGACGAGGACGTGATGAACCTTTGGAGGAAGTGGCTCAGAAACAGGAGGACCTTCGGAACCAAAAGGA
 AGGCTCCAGGGCCGAGGCCAGGAGTACAGGTCCCTCAAGTAGTAAGCACAGAAGGAGCTCCGTGTGC
 CGTTTGAGCAGCCGAGAGAAGATCTCCTTGACAGGATCTATCAAAGGAGCGCCGGCCTGGTGGGGCAGGAG
 GGCTCCTATTGGAGATGAGGATGAGGGAGGTGAAGCGTCAGCTGAGCACCCAGCTGTGGAACCAAGAGC
 CCTCAATGGTGTGCTTCCCTGTGCTCCAACCCCTAAGAGCCCTGTGCTGCCAGAAGAGGCTCCCTTT
 TCCAGGCGCTTTGGTCTCCAGAAGACAGGGAGCACTGGTGCCTTGGGTCTTTCAGAAAGGAGGGCTACAG
 AGGGCGTCTCGGTCTGCAGCGCTCAGCCTCCTCCTCCTTGGAGAAGGCTCCACTCAGGCCAGGGGA
 GCCCGCTTTCGCAAGATAACCCCTACCCTGCCAGAAAGTGCCAGAGCCCTTACCCTGTATGAGGCT
 GCCACGCTCCTTCTTTGGATCACTCTGTTCCACCCTCCAGGAGGGAGCCTGGATCGATAGTGAAGCCAA
 ATGTCCTCACAGCCTCTGCAGCGCCCTGGCCGACTCCAGGGACCGTCCGAGGCTCTACCAGATGCCTGT
 GCGTGATGAGGAGTCCGAGTCTCAGCGGAAGGCCCGCTCCCGCTTATGCGACAGTCTCGGAGGTCCACA
 CAGGGTGAACCTAACAGACTGAAGGAAGCAGAAAAGGTGGCTGGGAAGGTCCAGAGCCAGAGCAGC
 CTGCCCTACCCAGCCTGGACCCTTCTCGGAGACCTCGGGTCCCTGGAGTGGAGAACGCTGAGGGCCCTGC
 CCAGAGAGAGGGCCCGAAGGGCAGGGCCAGGGACCACAGGCGGGCCAGGGAGCATCGAAAAGCTGGCCAT
 GAGCGGAGGGGGCCAGCAGAGGGGGAAGAGGCGGGGCCTGCGGAACGGAGCCAGAGTGCAGCACTGTGG
 ATGGTGGATCCCAGGTCCGACGGCAGCACTCACAGAGAGACCTCGTTCTAGAATCCAAGCAGGAGCACGA
 GGAGCCTGATGGAGGCTTCCGGAAGATGTACACGGAGCTCCGAGGGAGAATGAGCGACTTCGTGAGGCC
 CTGACAGAGACCACCCTGCGTCTGGCACAGCTCAAGGTGGAGCTGGAGCGGGCCACGCAGCGCAGGAAC
 GCTTTGCTGAGAGGCCCGCCCTCCTTGAAGTGGAGAGATTTGAGCGCAGGGCTCTGGAGCGCAAGGCAGC
 AGAGCTGGAAGAGGAGCTGAAGGCCCTCTGATCTCCGGCTGACAACCAGCGGCTCAAGGATGAGAAT
 GCAGCATTGATCCGAGTCATCAGCAAATATCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_029834
Insert Size: 2349 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:	NM_029834.3 , NP_084110.2
RefSeq Size:	2982 bp
RefSeq ORF:	2349 bp
Locus ID:	232807
UniProt ID:	Q3UMT1
Cytogenetics:	7 A1
Gene Summary:	Regulates myosin phosphatase activity.[UniProtKB/Swiss-Prot Function]