

Product datasheet for **MC201734**

Ppp1r8 (NM_146154) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r8 (NM_146154) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r8
Synonyms:	6330548N22Rik; AU044684; NIPP1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC025479 sequence for NM_146154
 CCACGCGTCCGGACGCAAGATGGCGGCAGCCGTGAACTCCGGCTCCAGCCTCCCGCTGTTGACTGCCCC
 ACTTGGGCAGGTAACCACACCTGGCTTACATCTGGATGTGGTAAAAGGAGACAAGCTAATTGAGAAGC
 TGATTATTGATGAGAAAAAGTATTACTTATTTGGGAGGAACCCCGATCTGTGTGACTTCACTATCGACCA
 CCAGTCATGCTCTCGAGTCCACGCAGCGCTGGTGTACCACAAACCTGAAGAGAGTTTTCTTGATAGAC
 CTCAACAGCACACATGGCACTTTCTTGGGTACATTCGGCTGGAACCTCACAGCCTCAACAGATTCCCA
 TCGATTCTACGGTCTCATTGGCGCGTCCACGAGGGCATACACTCTGCGAGAGAAGCCTCAGACATTGCC
 ATCGGCTGTGAAAGGAGATGAGAAGATGGCGGGAGAGGATGATGAACTCAAGGGCTTGTTGGGACTTCCC
 GAAGAGGAGACCGAGCTGGATAACCTGACAGAGTTCAACACTGCCCAACAAGCGGATTCAACCTCA
 CTATTGAGGAGGGAACTGGACATCCAGAGACCAAAGAGGAAGAGGAAGAACTCAAGGGTGACCTTCAG
 TGAGGATGACGAGATCATCAACCAGAGGACGTGGATCCGTCTGTTGGTGGTCCGGAACATGGTGCAG
 ACAGCAGTGGTCCAGTCAAGAAGAAGCGGATGGAGGGCTCTGGCTCTCTGGGCTGGAGGAGTCCGGGA
 GCAGGCGCATGCAGAACTTGCCTTCAGTGGAGGACTATATGGGGCCTGCCCCACACACAGTAAAC
 GGGCTCCCAGCCGATGGCATTTCATGGACAGCGCTCATTGGTGGCTTGCCCATGCCATACCCGAACCTC
 GCCCTGATGTGGACTTGACTCCTGTTGTCCATCAGCAGTGGCCATAAATCCCACACAAACCTGCAG
 TCTATAACCTGAGGCTGTGAATGAACCAAGAAGAAGAAATACGCGAAGGAGGCTTGCCGGGCAAGAA
 GCCCACACCTTCTTACTGATTTGATATTTGGTTATGGAGAGGGTGGGAGGGGGTGGAGGGATGACA
 AGGGGAGCTACTGAACTAGGGAGAAAATTTCCATGTGTGCGATATCGTCTTTCAGAAAAGTCTCCTGAGG
 TCCCAACCATGTAATACTGAGACCAGGGGTGGGGCTAAAGTACCAGTAAGGACTGAGTCAGGCAGCTTGA
 AGTGTAGAGAGAGGCTTCCCAGTCCCTTCTGAGCCGACTGCTCCTGGCGATGTCCCTGTGCCACCTATTAG
 GACTGTTTTATGTGAAGTCGTCATGGGAGGCATCTGGAGCAATGAGAGGGTAGAGCCTCATTAGTTAAT
 ATCCCTTCCCTCGGAGACCCAAGTAAACAGAGCGGTTGCATGGATACCAGGTTGGTTGACACTGTTTCAT
 TTAACACAGTAAACGAGTGCCTCTTGTGCCTGTGGTTTTGAGATCTAATAGGCCATTCTGTGTATG
 TCTGGTGGCATGAGGCCATTTTGGAGTCCCTCATCTGTAGCCAGTGTACAGGACAGGCTAATGGGTTT
 GTACAGTATTGTTGGACTTTACCTATGTTTCTTGTCCACACTGAAAACCTATTTAGTTCAGTGCAGCCT
 CCTCCCTGTGGCCTCACTGTTGGTGTGTGCCCTGAGGCAGTTCCTGGTGAACAGGAAGACTATACTGCAA
 GGACCAGGTGTGTAGGAGAACACCTCAGTTTTGGTTGGAGGCTCCTCTCCCTGACCCCCCTCA
 CCCCCATGAGAGTTCTCAGATCTCCAGAAAGACCTGGCTAACAGGAGACAAGGTAGGAACATTGTA
 CGAGCTTTGTACAGATTTGTACATTTGTGAATAGGCCTTTTCTGCTTAAAGTGTAGCTTTTACCTGTA
 ACCTTTATTACATTGTAATTAATGTAACCTTTTGTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146154

Insert Size: 1056 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: [BC025479](#), [AAH25479](#)

RefSeq Size: 2013 bp

RefSeq ORF: 1056 bp

Locus ID: 100336

UniProt ID: [Q8R3G1](#)

Cytogenetics: 4 D2.3

Gene Summary: Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre-mRNA splicing. Binds DNA and might act as a transcriptional repressor. Essential for cell proliferation and early embryonic development.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes isoform 1.