

Product datasheet for **MC219435**

Ppp1r18 (NM_001146711) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r18 (NM_001146711) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r18
Synonyms:	2310014H01Rik; AA407849; AI450394
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219435 representing NM_001146711
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCGCTATCCAGATTGGAAGCTACAGTTGCTAGCCCGCGGAGGCAGGAGGAGGCAGCGTTCTGTG
 GCCGCGAGAAAGCAGAACGGGATCGCTTGTCCAGATGCCAGCCTGGAAGAGGGGAATCCTGGAACGACG
 CAGAGCCAAGTTGGCCTGCCTCTGGAGAGGGAGCCCTGTGCCTGGGAATGCTGAGGCTGGACCTCCA
 GACCCAGATGAATCTGCTGTCTTTTGGAGGCTATTGGACCACTACATCAGAATCGATTCAACACAGG
 AGCGACAGCGGCAGCAGCAACAGCAGCAGCAGCAGAGAAACGAGGTGCTTGGTGATAGGAAGGCTGGGCC
 TCTGGAGGTTCTAGAAAGGAGATCAAGTCTGTAATTTAAGAGATCAGAGTCTAAGGGAAGAGAGTCC
 AGAGAAGAGAGGCTAAGTCCCCGGGAGTCCAGAGATAGGAGGCTGGTGATAGGGGAGCCCAAGAGTCAA
 GTTCGAGGTCTCTCGAGACTGGAGGCAGAGCCAGCAGAGGCCAGAGACCTGAGTTCAGACCAGCAGA
 GGCTCAGAAATGGAGGCTGAGCCCTGGAGAACTCCAGAGGAGAGTCTGAGATTAGCGGGTCTGGAGAT
 GACAGTCCCAAGAGAAAGGAGGTGTTGGAAGCATTCTGAGCCCTGGGGAGCCTGGTGACCAAGAGCCA
 GCCCAGACAGATGTCCATAAATGGAATCTTGACTCAAGAGAACCCAGAAACAGAGCTTGATACAGCTGGA
 GGCCACAGAGTGGAGGCTGAAGTCCGGTGAAGAGAGGAAAGACTACTTGAAGGGTGTGGGAGAGAGGAA
 GAGAAATTGAGTTCAGGGATTGTTCCGGTGACAAAGGAGGTTCAAGACATCACCTCGAGCGAAGTGGAGA
 CTGCTGAGCAGAGACCCACTGAAAGCTGGAAATGGACCCCTAACTCTGGGAAGGCTCGAGAACGGACGAC
 CTGGGACATAGATACACAACTCAGAAGCCAGATCCTCCAGCATCTTCAGAGAAGCACCCAGGACCTTCT
 GGTATGGAGGCTGAAGAGGAGGCTGAGAAGGAGGAGCGGAGGCTCAGAGCAGGCCTCTGAGAGCCGAGC
 AGAACCTCTGCTCTGGGCCCTCCCCCTCCCACCAGAGCACTCTGGGACGGAAGGCTCCAGACAGCAGGA
 AGAGGAAGCGGCAGAACCCCGGCCCAACACCAGCCCTCTGTCTCCCCACCCTCGGCCCAACTGCC
 CCCCACCCCTCTGGGATCCCCTCATGAGCCGTCTGTTCTATGGGGTGAACACAGGACCGGGGTGGGGG
 CCCCCGCGCAGTGACACACCTTCACTGTCAACCCACGAGGTGTGCGCCCCCTGCCAGCCAGCCCC
 TCCAGTCAACCCTGCTACAGCTGATGCTGCAGGGTCTGGATCTGGGAAGAAGCGGTACCCAATGCAGAG
 GAGATCTTGGTGTGGGGGGCTACCTCCGTCTCAGCCGAGCTGCCTTGTCAAGGGTCCCTGAAAGAC
 ATCACAACAGCTCAAGATCTCCTTTAGTGAGACAGCCCTGGAGACCACATACCAATACCCTTCTGAGAG
 CTCGGTACTGGAGGATCTAGGCCGAGCCTGAGACCCCAATTGCCCCCTTAGCAACCCAGCCTGACGAG
 GAGGAGGAGGAGGAGGAAGAGGAGGAGTTGCTTCTGCAGCCTGGGCTCCAGGGCGGGCTGCGCACCA
 AGGCCCTAATCGTGGATGAGTCTGCCGCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001146711

Insert Size: 1785 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001146711.1, NP_001140183.1

RefSeq Size: 2670 bp

RefSeq ORF: 1785 bp

Locus ID: 76448

UniProt ID: Q8BQ30

Cytogenetics: 17 B1

Gene Summary: May target protein phosphatase 1 to F-actin cytoskeleton.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.