OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC219436

Ppp1r18 (NM_175242) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r18 (NM_175242) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r18
Synonyms:	2310014H01Rik; AA407849; AI450394
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

Fully Sequenced ORF:

>MC219436 representing NM_175242
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCGCTATCCCAGATTGGAAGCTACAGTTGCTAGCCCGGCGGAGGCAGGAGGAGGCAGCGGTTCGTG
GCCGCGAGAAAGCAGAACGGGATCGCTTGTCCCAGATGCCAGCCTGGAAGAGGGGAATCCTGGAACGACG
CAGAGCCAAGTTGGGCCTGCCTCCTGGAGAGGGGAGCCCTGTGCCTGGGAATGCTGAGGCTGGACCTCCA
GACCCAGATGAATCTGCTGTCCTTTTGGAGGCTATTGGACCAGTACATCAGAATCGATTCATCCAACAGG
AGCGACAGCGGCAGCAGCAACAGCAGCAGCAGCAGAGAAACGAGGTGCTTGGTGATAGGAAGGCTGGGCC
TCTGGAGGTTCTAGAAAGGAGATCAAGTCCTGGTAATTTAAGAGATCAGAGTCCTAAGGGAAGAGAGTCC
AGAGAAGAGAGGCTAAGTCCCCGGGAGTCCAGAGATAGGAGGCTGGTGATAGGGGGAGCCCAAGAGTCAA
GTTCGAGGTCTCTTCGAGACTGGAGGCAGAGCCCAGCAGAGGCCAGAGACCTGAGTTCCAGACCAGCAGA
GGCTCAGAAATGGAGGCTGAGCCCTGGAGAAACTCCAGAGGAGAGTCTGAGATTAGCGGGTTCTGGAGAT
GACAGTCCCAAGAGAAAGGAGGTGTTGGAAAGCATTCTGAGCCCTGGGGAGCCTGGTGACCAGAAGGCCA
GCCCGACAGATGTCCATAAATGGAATCTTGACTCAAGAGAACCCCAGAAACAGAGCTTGATACAGCTGGA
GGCCACAGAGTGGAGGCTGAAGTCCGGTGAAGAGAGGAAAGACTACTTGGAAGGGTGTGGGAGAGAGGAA
GAGAAATTGAGTTCAGGGATTGTTCCGGTGACAAAGGAGGTTCAAGACATCACCTCGAGCGAAGTGGAGA
CTGCTGAGCAGAGACCCACTGAAAGCTGGAAATGGACCCTAAACTCTGGGAAGGCTCGAGAACGGACGAC
CTGGGACATAGATACACAAACTCAGAAGCCAGATCCTCCAGCATCTTCAGAGAAGCACCCAGGACCTTCT
GGTATGGAGGCTGAAGAGGAGGCTGAGAAGGAGGAGGCGGAGGCTCAGAGCAGGCCTCTGAGAGCCCAGC
AGAACCTCTGCTCTGGGCCCTCCCCCCTCCCACCAGAGCACTCTGGGACGGAAGGCTCCAGACAGCAGGA
AGAGGAAGCGGCAGAACCCCGGCCCCCAACACCAGCCCCTCTGTCTCCCCCACCCTCGGCCCCAACTGCC
CCCCAACCCTCTGGGGATCCCCTCATGAGCCGTCTGTTCTATGGGGTGAAACCAGGACCGGGGGTGGGGG
CCCCCCGCCGCAGTGGACACACCTTCACTGTCAACCCACGGAGGTGTGCGCCCCCTGCCAGCCCAGCCCC
TCCAGTCAACCCTGCTACAGCTGATGCTGCAGGGTCTGGATCTGGGAAGAAGCGGTACCCAACTGCAGAG
GAGATCTTGGTGCTGGGGGGCTACCTCCGTCTCAGCCGCAGCTGCCTTGTCAAGGGGTCCCCTGAAAGAC
ATCACAAACAGCTCAAGATCTCCTTTAGTGAGACAGCCCTGGAGACCACATACCAATACCCTTCTGAGAG
CTCGGTACTGGAGGATCTAGGCCCGGAGCCTGAGACCCCCATTGCCCCCTTAGCAACCCAGCCTGACGAG
GAGGAGGAGGAGGAGGAGGAAGAGGAGGAGTTGCTTCTGCAGCCTGGGCTCCAGGGCGGGCTGCGCACCA
AGGCCCTAATCGTGGATGAGTCCTGCCGGCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175242

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.
RefSeq:	NM_175242.1, NP_780451.1
RefSeq Size:	3185 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 (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.