

Product datasheet for **MC207354**

PPP1R14B (NM_008889) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp1r14b (NM_008889) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppp1r14b
Synonyms: AOM172; PHI-1; PLCB3N; Png
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207354 representing NM_008889
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGACAGCGCCCCGCGGGGGCGCGGCGTTAGCTGCCCGGCCCCCGGGCCGGGCAGTGGCAGCA
CAGGGCCCCGAGTCTACTTCCAGAGTCCCCTGGGGCCGAGGCCAAGGCCCGGGGGCGCTGATGACGA
TGGCCCGGTGAGACGGCAAGGGAAGGTCACCGTCAAGTACGACCGCAAGGAGCTACGGAAGCGCCTCAAC
CTGGAGGAGTGGATTTTGAACAGCTCACGCGACTCTACGACTGCCAGGAGGAGGATCCCGGAGCTCG
AGATAGATGTGGATGAACTTTATAGACATGGAGAGTGATGATACCCGGGCTGCTAGGGTCAAGGAGCTGT
AGTTGACTGTTACAAACCACTGAGGCCTTCATCTCTGGCCTGCTGGACAAGATCCGGGGCATGCAGAAG
CTGAGCACACCCCAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008889

Insert Size: 444 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).



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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_008889.2</u> , <u>NP_032915.2</u>
RefSeq Size:	919 bp
RefSeq ORF:	444 bp
Locus ID:	18938
UniProt ID:	<u>Q62084</u>
Cytogenetics:	19 A
Gene Summary:	Inhibitor of PPP1CA. Has over 50-fold higher inhibitory activity when phosphorylated. [UniProtKB/Swiss-Prot Function]