

Product datasheet for **RN209106**

Ppp1r14a (NM_130403) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppp1r14a (NM_130403) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppp1r14a
Synonyms: Cpi17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209106 representing NM_130403
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGCGCAGCGGCTGGGCAAGCGCGTGCTGAGCAAGCTGCAGTCCCCTTCGCGTGCCCGGGCCCGG
GGGGCAGCCCTAGTGGGCTGCAGAAGCGGCACGCGGAGTCACCGTCAAATACGACCGGGCAGAGCTGCA
GCGGCGACTGGACGTGGAGAAGTGGATCGACGGACGCTTGAAGAGCTGTACCGCGCAGGGAGGCAGAC
ATGCCAGATGAGGTCAACATCGACGAGCTGCTGGAATTGGACAGTGAGGAGGAAAGATGCCGAAAATCC
GGGACTCTTGGAGGCTTGCCTGAATCCACAGAGGACTTCGTCCAGGAGCTATTGGCCAAGCTTCGGGG
CCTGCACAAGCAGCCGGCTTCCCGCAGCCAGCCCTCAGATGACCCAGCCTGAGCCCCGCCAGGAC
CCGGCTCACACTGCTCCACCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_130403
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_130403.1</u> , <u>NP_569087.1</u>
RefSeq Size:	559 bp
RefSeq ORF:	444 bp
Locus ID:	114004
UniProt ID:	<u>Q99MCO</u>
Cytogenetics:	1q21
Gene Summary:	negative regulator of myosin light chain phosphatase (MLCP) [RGD, Feb 2006]