

## Product datasheet for **RN209723**

### PPP1r14c (NM\_133425) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1r14c (NM_133425) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP1r14c
Synonyms:	Kepi
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209723 representing NM_133425 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGTGGTGACCGCGCGGGTGAGGCGGCCGCGGGACAAGCGGAGGCGCGCGAGTCTTCTTCC  
 AGAGTCCTCGCGGGGACCGCGGCAGCCGGGAATCCAGCAGCCACTCCGGCTCCTCAAGGGAGGATTC  
 GGCGCCGGTGGCCACAGTGGCAGCCGCTGGGCAAGTGCAACAGCAACAGCGCCGCCACAGCAGGGAAAA  
 GTGACAGTGAAATATACCGTAAGGAGCTTCGGAAGCGGTTGGTGCTGGAAGAATGGATCGTGGAGCAAC  
 TGGGTGAGCTGTATGGCTGCGAGGAAGAAGAAATGCCAGATGTAGAAATTGATATTGATGATCTTCTTGA  
 TGCTGACAGTGAGGAGGAAAGAGCTTCAAATTACAGGAAGCTCTGTAGACTGCTATAAACCAACAGAG  
 GAATTTATCAGAGAGCTGCTCTCCCGGATAAGAGGCATGAGGAAGCTGAGCCCTCCACAGAAGAAGAGTG  
**TATGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133425
Insert Size:	495 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u>NM_133425.3, NP_596916.1</u>
RefSeq Size:	2787 bp
RefSeq ORF:	495 bp
Locus ID:	171010
UniProt ID:	<u>Q8R4R9</u>
Cytogenetics:	1p11
Gene Summary:	protein kinase C (PKC)-potentiated inhibitory protein for protein phosphatase 1 (PP1); may play a role in morphine mediated signaling pathways [RGD, Feb 2006]