

Product datasheet for **RN217207**

Ppp1r12c (NM_001191946) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r12c (NM_001191946) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r12c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217207 representing NM_001191946
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGCGCAGGATGGCCCGCAGCGGGCCCGGGGGCGCGCGGCTGCAGCGCCCGCGTGAGCGGC
 GGCAGGAGCAGCTGCGGCAGTGGGGGGCGGGCGGGCGCTGACCCGGGCCCGGGAGCGCGTGCCCG
 CACTGTCCGCTTCGAGCGCGCCCGAGTTTCTGGCGGCCTGTGCAGCGGTGATCTGGACGAGGCTCGC
 CTGATGCTGCGTGCAGCGGATCCTGGTCCCGGGTCCGGCGCTGCGACTGACCCCGCTGTCCCTCCGCTG
 CCCGTGCGGTGCTCGACTCTACCAACGCCGATGGCATCAGCGCCCTGCACCAGGCTGCATAGATGAGAA
 CCTGGAAGTCGTTTCGCTTCTGGTGGAGCAGGGTGTACTGTGAACCAGGCAGACAACGAGGGCTGGACG
 CCTCTGCATGTGGCTGCCTCTGTGGTACCTGGACATTGCTAGGTACCTCTGAGCCATGGGGCAACA
 TCGCTGCTGTCAACAGTGACGGGACCTGCCTTTGGACCTGGCTGAGTCAGATGCCATGGAGGACTGCT
 GAAAGCAGAGATCACTCGCCGAGGTGTGGATGTGAGGCAGCCAAGCGGGCTGAAGAAGAACTGCTGCTT
 CACGACACAAGGTGCTGGCTGAATGGGGTGTATGCCAGAGGCCCGGCACCCCGGACTGGGGCCTCTG
 CCCTGCATGTGGCTGCTGCCAAGGGCTACATTGAGGTGATGAGGTTGCTACTCCAAGCTGGCTATGACAC
 AGAGCTCCGGGATGGAGATGGCTGGACACCTTTGCATGCGGCAGCCCACTGGGGTGTGGAGGATGCCTGC
 CGTCTACTGGCTGAGCATGGTGGGGCATGGATTCACTGACCCACGCGGGGCAGCGTCCCTGTGATCTGG
 CTGATGAGGATGTGATGAACCTTTTGGAGGAACTGGCTCAGAAACAGGAGGACCTTCGGAACCAAAAGGA
 AGCCTCTCAGGGCCGAGCCAGGAGTACAGGTCCCTTCAAACAGCAAGCACAGAAGGAGCTCAGTGTGC
 CGTTTGAGCAGCCGTGAAAAGATCTCCCTGCAGGATCTATCAAAGGAACGCCGCTGGTGGGGCAGGAG
 GGCTCCCTATTGGAGATGAGGATGAGGGAGAAGAAGCCTTAGCTGAGCATCCAGCTGTGGAGCCAAAGC
 CCTTAATGGTGTCTTCCCCTGCGTCTCCAGCCCTAAGAGCCCTGTGCCGCCAGAAGAGGCTCCCTTC
 TCCAGGCGCTTTGGTCTCCAAAAGACAGGGAGCTCTGGTCTTTGGTCTTTCAGAAAGGAAGGTTACAG
 AGGGAGTTCTCGGTCTGCAGCGCTCAGCCTCCTCAGTCATTGAAAAGGCTCCACTCAGGCCAGGGA
 GCCCGCTTTCGCAAGATAACCCCTACCCCTGCCAGAAAGTCCAGAGCCCTTACCCTGTCTGAGGCT
 GCAGCACCGCTTCGGATCACTCCGCTCCACCCTCCAGGACGGAGCTGGATCCCGAGTGAAGCCAAATG
 TCCTCACAGCCTCTGCAGCACCGCTGGCTGACTCCAGGATCGGGATCGTGGAGGCTCTACCAGATGCC
 TGTGCGTGTGAGGAGTCTGAGTCTCAGCGGAAGGCTCGCTCCCGCTTATGCGACAGTCTCGGAGGTCC
 ACACAGGGTGTAACTTTGACAGACTTGAAGGAGCAGAAAAGGTGGCCGAAAGTCCCAGAGCCAGAGC
 AGCCTGCCCTGCCAGCCTGGACCTTCTCGGAGACCTCGGGTCCCTGGAGTGGAGAACGCTGAGGGCCC
 TGCCAGAGAGCAGAGGGCGCCGAAGGGCAGGGCCAGGGACCACAGGCGCCAGGGAACATCGAAAAGCT
 GGCCATGAGCGGAGGGGGCCGGCAGAGGGGGAAGAGGCGGTGCCTGCGGAACGGAGCCAGAGTGCAGCA
 CTGTGGATGGTGGATCCACGGTCCCGAGGCAGCGCTCACAGAGAGACCTCATTCTAGAATCCAAGCAGCA
 ACACGAAGAGCCTGATGGAGGCTTCCGGAAGCTGTACACGGAGCTCCGCAGGGAGAATGAACGACTTCGT
 GAAGCCTTGACAGAGACCACCCTGCGTCTGGCAGAGCTCAAGGTGGAGCTGGAGCGGGCCACACAGCGGC
 AGGAACGCTTTGCTGAGAGGCTGCCCTCCTTGAAGTGGAGAGATTTGAGCGCAGAGCTTTGAGCGAAA
 GGCAGCAGAGCTGGAGGAGGAGCTGAAGGCCCTGTCTGATCTCCGGCTGACAACCAACGGCTCAAGGAT
 GAGAATGCAGCATTGATCCGAGTCATTAGCAAGCTATCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001191946
 Insert Size: 2355 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191946.2, NP_001178875.2</u>
RefSeq Size:	3004 bp
RefSeq ORF:	2355 bp
Locus ID:	499076
Cytogenetics:	1q12