

Product datasheet for **RN202010**

Ppp1r12b (NM_001107178) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r12b (NM_001107178) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r12b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202010 representing NM_001107178
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGCTGGAACACCTGGGAGGGAAGCGAGCAGAGTCGGCGGAGCCGGCGGGCTGAGCAGCTGC
 GCGCTGGCGGGGCTCGCTGACAGAGCAGGAGCCCGGAGCGACAGGGCGGGGCGCCAGCTGCAGAC
 CAGACGCGGGAGCCCCAGGGTCCGCTTCGAGGATGGTGCGGTCTTTCTGGCTGCCTGCTCCAGCGGGAC
 ACGGACGAGGTGAAAAAGCTTCTGGCAAGAGGTGCGGACATCAACACAGTCAACGTGGACGGCTTGACAG
 CCCTGCACCAGGCCTGTATTGATGAGAATTTGGACATGGTGAAGTTTCTGGTGGAGAACAGACCAATAT
 AAACCAGCAAGACAACGAGGGCTGGACACCCCTGCATGCAGCAGCTTCTGTGGTTATCTCAACATAGCA
 GAGTATTTTATTAGCCATGGAGCCAGTGTGGTATTGTGAACAGTGAAGGGGAAGTTCCTCTGACCTTG
 CAGAAGAGCCTGCCATGAAAGATCTTCTTCTGGAACAAGTAAAGAAGCAAGGAGTTGATCTGGAGCAGTC
 GAGGAAGGAGGAAGAACAGCAGATGTTGCAGGATGCCCGCAGTGGCTCAACAGTGGGAAGATAGAAGAC
 GTGAGGCAGGCTCGCTCTGGGGCCACAGCTCTGCATGTAGCTGTGCCAAGGGTTACTCCGAAGTCTCA
 GACTTCTCATTACGGCTGGCTATGAACTCAATGTTCAAGGATCATGATGGCTGGACTCCTCTTCATGCTGC
 TGCACACTGGGGAGTGAAGAGGCTTGTCCATCCTGGCAGAAGCCCTCTGTGACATGGATATCCGGAAC
 AAAGTGGCCAGACGCCATTCGATGTGGCCGATGAAGGCCTTGTGGAACACTTGGAGATGCTTCAGAAGA
 AGCAAGATGTGCTTCGAAGTGAAGGAAACACGGAATAAGCTTATTGAGTCAGACCTGAATAGCAAGTT
 TCAAAGTGGACTTTTAAAGAACAAGAGAAGATGCTTTATGAAGAAGAGATTCCTCAAGTCCCAAGAAACA
 GAGGAAGAGAACAAGAATCCAGCAGCTCCAGCTCGGAGGAGGAGGAAGGGGAAGATGAAGTTTCTGAAT
 CAGAAACTGAGAAGGAGGCAGATAAAAAGCCAGAAGTACTGTCAACACTTCAACTCTGAAAGCAAGAG
 TCGGATCGTGGAGCAGATCCCAACCCCGCTCAGAACACCTTCTCTGCCTCTTCAGCTAGGAGATTGTCC
 GGTCTTTTCAACAAGGCAGAAGAGCCTAAAGATGAATCTCCTTCTTCATGGAGACTGGGACTCAGAAAAA
 CTGGTAGCCACAACATGCTGAGTGAAGTGACCAATCCCAGGGAGGCCCTCAGGGACCGAGGCTCTCCAT
 CTACCGTTCCTCCTCAAGCCCTCGGATCTCCACTTTGCTGGATGACAAAGATAAGGAAAGAGAAAACAGA
 AGCTATTTAGTACACTAGTACCCCGGAGGCTCAGTGGCACAAGTGACATTGAAGAAAAGGAGAACAGAG
 AGTCAGCTGTTAATCTAGTAAGGAGTGGCTCCACACCAGGCAGCTGTGGAGGGATGAAGCAAAGGGAAA
 TGAACCCACAGACAGTCGCTCCTTCCACTTACACGTCAACTTACTTGAAGGACTCCTTACAAATCT
 CAGGCTGACTCAACAGCAGAGAGAACAGACAGCGGCTCCTCCAGCACCCCTGTGTGTGATCACCACCC
 GCCTGCACCAAGCACTGCCAATGGGGTTCAGCCGCCACGGTGTCTCCTCCCTGCAGCAGACGCCTC
 TGTGGAACCCCGGAGCAGAGGAGGCTTATCTGACTCCTGTACGGGATGAGGAGGCAGAGTCTTTACGG
 AAAGCACGCTCCAGACAAGCTCGGCAGACACGAAGGTCTACTCAAGGTGTTACCCTAACAGACCTCCAAG
 AGGCAGAAAAGACTTTCAGCCGATCGAGGGCAGAGAGCAAGCGCAGGAACAGCCTGGTGAAGAGCTTGA
 AGATTCTGGTGAAGTGAAGGGAGCACAAGAAGCAGGAACCGTCAAGCAGCCCAACAAGGAAGCTGGC
 GAGGGCCAGCAACCTTGGGGCAGAAGTCTGGATGAAGAGCCTATTTATCATCGCCTAAGGTGTCCAACCT
 AGCCAGACAAACTCACGGCACAGTCTTCTCCTTCTGCGTCAAGACCCTCACTATACACTGGTTCTCAGCT
 ACTGCACACAAGTGAAGCTTCAAGTCCCTGACCCAGAGGCCACCACAACACCACAGCGGCAAGGAAATG
 GACACGAGTGAGAAAGAAGAAGCTGATTTGGATGATCAGTCTTCAACAGGCTGTCTGTCCGTGAGAGGA
 GACGACTTAGAGATCGGCGAAGAGGCACAGGCATTAATTTCTGGACAAAGGACGAGGATGAAACAGATGT
 CTCTGAAGAGGTCAAAGAAGCATGGCATGAAAGACTTTCTAGGTTGGAGTCAGGAGGAGTAAACCCGACC
 AGCAGCGACTCTCACAGTGACCGTGTCTCAGCAAGAGCCCGTGGGAGGCCAGGGAGGCTCGTCTAGCCA
 GCCTGACCAGCCGGTGAAGAGGACAGCAGCAGGATTATAAAAACTCTATGAGAGTGCCTGACCGA
 AAACAAAAGCTGAAAACAAGCTTCAAGAGGCCAGCTGGAACCTGCTGATATCAAAGCCAAGCTTGAG
 AAGATGGCCAGCAGAAACAAGAGAAGACTCTGACCGGTCTCGGTGCTGGAGGTGGAGAAGCGGGAGA
 GCGGAGCGCTGGAGCGGAAGATGTCGGAGATGGAGGAAGAGATGAAGAACCTTACCAGCTAAAACAGAT
 TCAAACCTTGAAGCAGATGAACGAGCAACTGCAGGCTGAGAACAGGGCCCTGACCCGAGTGGTGGCCAGA
 CTCTCCAGGTCGGTCTCGATCCTCGGACACGCAGGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107178
Insert Size:	2982 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:	<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_001107178.3</u> , <u>NP_001100648.1</u>
RefSeq Size:	9161 bp
RefSeq ORF:	2982 bp
Locus ID:	304813
Cytogenetics:	13q13