

Product datasheet for **RR204072**

Ppp1r15b (NM_001107175) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r15b (NM_001107175) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ppp1r15b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR204072 representing NM_001107175
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACGGGAACACACAGGGCTCGGAAGCGGCCTACCTCTCGGATGGGCTCCTGGTCCGGCTGCCCT
 TCCTTCGGCGTTCGCACGCCTGCACTTCCGAGTCCCGAAGCCTTCTTCTCGACAAATCTCGAGGTCTC
 CGCCCGGCCGAGCCTCGGACCAGTACTGGACAAATTGCTTCCAGCTCCTTGCCCTGCTCCCTAGC
 TTGCTCCAGAAGCTGCTTATTTGGAGTCAGTTTTCGGTGGCATGATTCCGACCAGATGGTTAGATTTTT
 CAGCAAGTTACAGCGCTTAAGAGCTTTGAGAGGACGGGAGGAATCAGCCGCTCCACAGTGCAGAAATC
 TTTGAATCTCTGCGGCTGGACTCTTCTCGGAAGACTTGGTTGTCAGTTCTCTTGATTGGCTAGAGGAG
 GGACTCCAGGGGAGTGTCTGCTCCTCAGACCTGGAATTGAAATCAAGGCCAGGAAAGAGCTTTAGACT
 CTACAGCGCACACTTTCTCTGGAGCAGCAGCTGTGGGAGTGGAGTTGCTGCCGGTAGTCTTCAAAC
 CGGTCTAGTCTCCACCGAGAACTTGGCTTTCATCCTCTGGGCCTCTGAGTACTCAGAGCTTGGGCAAT
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 AGAACAGCGTCGGAGGTGGCCAACCTTGTGGATTTCCGAACACTATCCCCAGAGAGCTGTACCTTTCTGA
 AGATGCTTGTACCCCTCAGCCGCTGTGTCTGAGATGTCGGCAACTGCCTGGCGGAGGTGTCCGCCCTC
 TCTACAGAAGGCCTGCCAGAAATCCACCACCTTCGGATGAAACGACTAGAATTCCTTCAGGCAAACAAGG
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 GATGGATCCGCAACATTGCACAGATAAGGCAGCACAGGCAGTCTCCCTGCTGGAGCCAGCCCGCAGCCC
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 TCCTGGTCTGGCAACTCTGATGTAGGGAGTTCAGGCCACACTCCTTCCCAAGACCCCTGACCAGAGTT
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 GATCGCAAAGGACCATGGGAAGAATTTGCAAGGGATGGATGCAGGTTCCAGAAACGAATTCAGGAAACAG
 AAGTCGCCATTGGCTACTGCTTGACATTTGAGCATAGAGAAAGAGTGTAGTAGACTGCAAGACCACGT
 TTCAAAGGACTTACTGTTGTACAGCAGTGTAAAGCAGAGGGAGCAGCCTGCAGCCCTCACCCACTCCATC
 TCTTACTTGAGAGGTTTCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204072 representing NM_001107175
 Red=Cloning site Green=Tags(s)

METGTHRARKRPTSRMGSWFRLPFLRRSHACTSEFPKPSRPNLEVSARPEPRTRYWTKLLSQLLALLPS
 LLQKLLIWSQLFGGMIPTRWLD FSASYSALRALRGREESAAPT VQKSLNSLRDSSSEDLVVSLLDWLEE
 GLQGQCSSDLELKFKAQERALDSTAHTFLLEQQLWGWVLLPGSLQTGLVSHRELGSSSSGPLSTQSLGN
 FKVVSYLLNPSYLDCLPQLELRQNSVGGGQLVDFRTLSPESCYLESDACHPQPLCAEMSATAWRRCPPL
 STEGLPEIHHLRMKRLEFLQANKGOELPTPDQDNGYHSL EEEHCLLRMDPOHCTDKAAQAVSPAGASPQ
 TEKKVELVVEEVLQSPQGSLSCELSVQKCEDYSDIGGNLPVSTRPACTNKLIDYILGGASSDLTSSD
 SESEDWDEEPEDDGFSDGSLSESDREQDSEGLHLWNSFYSDPYNPQNFATIQTAAARIAPRDPDSEK
 SWGNSDVGSSQATLLPQTPDQSSGEEDDWESSADEAENLRWNSFCNSEDPYNLLNFKAPFQTSKGSWK
 GSQASSEATVVFSGHQTLLSCEAQLLESQEDNCPGCGLGEALSGERYTHIKRKKVTFLEEVEYYISGDE
 DRKGPWEEFARDGCRFQKRIQETEVAIGYCLTFEHRERVF SRLQDHVSKDLLLYSSAKQREQPAALTHSI
 SYLRGFS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

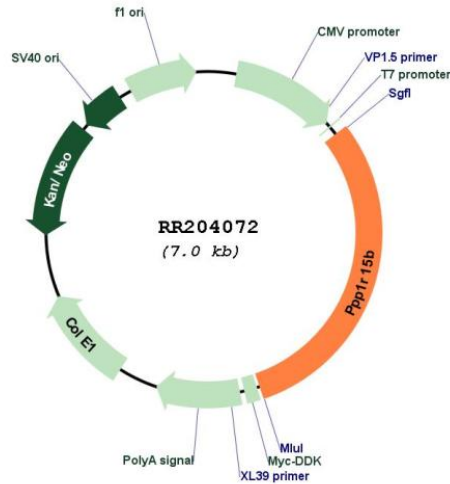
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107175

ORF Size: 2121 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:
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: [NM_001107175.1](#), [NP_001100645.1](#)

RefSeq Size: 5383 bp

RefSeq ORF: 2124 bp
Locus ID: 304799
Cytogenetics: 13q13
MW: 78.8 kDa