

## Product datasheet for **RR215221**

### PPP2R5E (NM\_001106740) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppp2r5e (NM\_001106740) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ppp2r5e  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR215221 representing NM\_001106740  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTCAGCACCAACTACTCCTCCATCAGTGGATAAAGTAGACGGATTTCTCGGAAGTCCGTCAGAA  
AAGCCAGACAGAAGAGGTCGAAAGCTCCTCACAGTTTCGGTCTCAAGGCAAGCCCATTGAGCTCACACC  
TCTGCCACTGCTGAAAGACGTTCCAACCTCAGAGCAGCCTGAACCTGTTCCCTAAAGAACTCAGCAGTGC  
TGTGTCATTTTTGACTTCATGGACACGCTATCTGATCTTAAAATGAAAGAATACAAGCGCTCCACTCTTA  
ATGAAGTGGTGGACTACATTACAATAAGCAGAGGCTGTCTGACAGAGCAGACTTACCCTGAAGTAGTTAG  
AATGGTGTCTTGCAATATATTCAGAACTCTCCCTCCTAGTGACAGCAATGAATTCGACCCAGAAGAAGAT  
GAACCTACCCTCGAGGCATCATGGCCCCACCTACAGCTTGATATGAATTTTTATACGATTTTTGGAGCT  
GCCAAGAATCCAACCCAGCATTGCCAAAAATACATAGATCAGAAATTTGTATTACAGCTTTTGGAGCT  
ATTCGACAGTGAAGACCCTCGAGAACGGGACTATTTAAAAACAGTCTGCACAGGATTTATGGCAAGTTT  
CTCGGGCTTAGAGCATTTATCCGAAAACAAATTAACAATTTTTCTAAGTATTCAATGGCTTCGCTT  
TACCACCTAAGGCAGAACACAAACAGTTCCTGGTAAAAGTGTGATCCCTTGCACACTGTCGGGAGTTT  
ATCACTCTCCATGCCAGGTTATTAGGGGTTAATGAAATTTTGGCCTAAAACATGCAGTCAAAAAGAG  
GTCATGTTCCCTGGGAGCTGGAAGAAATCTTGGATGTGATTGAACCATCACAATTTGTTAAAATCCAAG  
AACCTTTGTTAAACAAATTGCCAAGTGTGTTCTAGCCCCATTTTCAGGTGGCAGAAAGGGCACTCTA  
TTATTGGAATAATGAGTACATCATGAGTTTGATAGAAGAAAACCGAACGTCATCCTTCCCATCATGTTT  
TCCAGCCTTTATAGGATTTCAAAGGAGCATTGGAATCCGGCTATTGTGGCGCTGGTGTACAACGTGTTGA  
AAGCATTTATGGAATGAACAGCACTATGTTTGATGAGCTGACAGCCACATACAAGTCAGATCGTCAGCG  
TGAGAAAAAGAAAAGGAGCGTGAAGAACTGTGAAAAAATGGAGGATCTGGAGTTAAAAAGAGGT  
CTTAGACCGGATGGGATAATTCCGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR215221 representing NM\_001106740  
 Red=Cloning site Green=Tags(s)

MSSAPTPPSVDKVDGFSRKSVRKARQKRSQSSSQFRSQKPIELTPLLKDVPTSEQPELFLKKLQQC  
 CVIFDFMDTLDLKMKEYKRSTLNELVDYITISRGLTEQTYPEVVRMVSNCNIFRTLPPSDSNEFDPEED  
 EPTLEASWPHLQLVYEFFIRFLESQEFQPSIAKKYIDQKFLVQLLELFDSEDPREPRDYKTVLHRIYKGF  
 LGLRAFIRKQINNIFLSIINGFALPLKAEHKQFLVKVLIPLHTVRSLSLFHAQVIRGLMKFWPKTCSQKE  
 VMFLGELEEILDVIEPSQFVKIQEPLFKQIAKCVSSPHFQVAERALYYWNEYIMSLIEENSNVILPIMF  
 SSLYRISKEHWNPAIVALVYNVLKAFMEMNSTMFDELATYKSDRQREKKKKEKEREELWKKLEDLELKRGL  
 LRRDGIPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

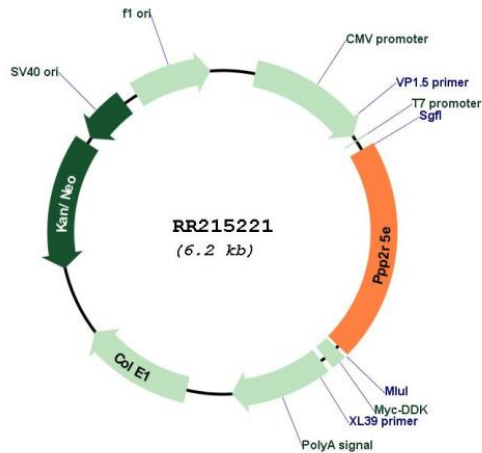
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



<b>ACCN:</b>	NM_001106740
<b>ORF Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_001106740.1</a> , <a href="#">NP_001100210.1</a>
<b>RefSeq Size:</b>	6177 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	299147
<b>Cytogenetics:</b>	6q24
<b>MW:</b>	50.3 kDa