

## Product datasheet for RN215221

### PPP2R5E (NM\_001106740) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R5E (NM_001106740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R5E
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215221 representing NM_001106740 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTCAGCACCAACTACTCCTCCATCAGTGGATAAAGTAGACGGATTTCTCGGAAGTCCGTCAGAA  
AAGCCAGACAGAAGAGGTCGAAAGCTCCTCACAGTTTCGGTCTCAAGGCAAGCCCATTGAGCTCACACC  
TCTGCCACTGCTGAAAGACGTTCCAACCTCAGAGCAGCCTGAACGTTCCTAAAGAACTCAGCAGTGC  
TGTGTCATTTTTGACTTCATGGACAGCTATCTGATCTTAAAATGAAAGAATACAAGCGCTCCACTCTTA  
ATGAACTGGTGGACTACATTACAATAAGCAGAGGCTGTCTGACAGAGCAGACTTACCCTGAAGTAGTTAG  
AATGGTGTCTTGAATATATTCAGAACTCTCCCTCCTAGTGACAGCAATGAATTCGACCCAGAAGAAGAT  
GAACCTACCCTCGAGGCATCATGGCCCCACCTACAGCTTGATATGAATTTTTATACGATTTTTGGAGCT  
GCCAAGAATCCAACCCAGCATTGCCAAAAATACATAGATCAGAAATTTGTATTACAGCTTTTGGAGCT  
ATTCGACAGTGAAGACCCTCGAGAACGGGACTATTTAAAAACAGTCTTGACAGGATTTATGGCAAGTTT  
CTCGGGCTTAGAGCATTATCCGAAAACAAATTAACAATTTTTCTAAGTATTCAATGGCTTCGCTT  
TACCACCTAAGGCAGAACACAAACAGTTCCTGGTAAAAGTGTGATCCCTTGCACACTGTCCGGAGTTT  
ATCACTCTCCATGCCAGGTTATTAGGGGTTAATGAAATTTTGGCCTAAAACATGCAGTCAAAAAGAG  
GTCATGTTCCCTGGGGAGCTGGAAGAAATCTTGGATGTGATTGAACCATCACAATTTGTTAAAATCCAAG  
AACCTTTGTTAAACAAATTGCCAAGTGTGTTCTAGCCCCATTTTCAGGTGGCAGAAAGGGCACTCTA  
TTATTGGAATAATGAGTACATCATGAGTTTGATAGAAGAAAACCTCGAACGTCATCCTTCCCATCATGTTT  
TCCAGCCTTTATAGGATTTCAAAGGAGCATTGGAATCCGGCTATTGTGGCGCTGGTGTACAACGTGTTGA  
AAGCATTTATGGAATGAACAGCACTATGTTTGATGAGCTGACAGCCACATACAAGTCAGATCGTCAGCG  
TGAGAAAAAGAAAAGGAGCGTGAAGAAGCTGGAAAAAATGGAGGATCTGGAGTTAAAAAGAGGT  
CTTAGACCGGATGGGATAATTCGACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



<b>ACCN:</b>	NM_001106740
<b>Insert Size:</b>	1290 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u>NM_001106740.1, NP_001100210.1</u>
<b>RefSeq Size:</b>	6177 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	299147
<b>Cytogenetics:</b>	6q24