

## Product datasheet for **MC222334**

### **PPP4R4 (NM\_028980) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PPP4R4 (NM_028980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP4R4
Synonyms:	8430415E04Rik; mKIAA1622
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222334 representing NM\_028980  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCATCCGCCGCCGCCGACGCCGGCGTCGCGATGGATTTCCGGCAGAACAGCCTGTTGGCTACATGG  
 AGGACCTGCAGGAGCTCACCATCATCGAGAGGCCGGTCCGCCGGAGCCTCAAGACACCAGAAGAAATAGA  
 AAGACTGACTGTTGATGAAGATCTCAGTGATATTGACAGGGCTGTTTATCTGCTCAGTGCTGGTCAAGAT  
 GTCCAAGGAGCCAGTGTGATTGCAAACCTTCCATTTTTGATGCGACAGAATCCTACTGAGACACTTCGGA  
 GAGTCTTACCCAAAGTCAGAGAAGTCTGCATGTCGCAAGCGTGGAGATGCAGCTAACGGCTGCAGTGTC  
 CTTTTGACCATCCTCAGGAAGAATCAATGTCAGTCCACACCTGTGCACACTCCTTCTGCAAGTCATT  
 CTCCTGCACCTGGAGCACAGGGACACAGGTGTCAGCAATGCATGGCTGGAGACACTTCTCTCCGAGTAG  
 AATTATTGCCAAAAGAAACCCTGAGGCATGAGATTCTCAATCCACTTGTTCGAAGGCACAGCTTTCCCA  
 AACCGTCCAGTCGCGTTTGTAGTGTAAAATTTAGGAAAAATAACCAACAAATTTGATGCCCATAGC  
 ATTAAGAGAGAAAATACTTCCCTGGTAAAATCACTCTGTCAAGATGTGGAATATGAAGTTCGATCTGTGA  
 TGTGTCGCCAGTTAGAAAACATAGCTCAGGGCATTGGGGCAGAAGTGCACAAAGAAATGTGGTCTCCCGA  
 ACTAATAGAAGTCTCTAGGGACGAGAGTGGCAGTGTGCGGCTTGCTGCTTTTGAACCTTGGTTAACATG  
 CTTGACATGTTTCGATACAGATGACAGAAGTCAAATACTTCCCTTAGTGAAATCGTTCTGTGAAAAGT  
 CTTTCAAAGCAGATGAATCCATTCTGATTTCTTTATCATTTTCATTTAGGAAAGCTATGCCATGGACTCTA  
 TGGAATTTTCACTCCAGATCAGCACTTGAGATTTTGGAGTTTATAAGAACTTGTACACTGGGTTTG  
 CAACAAGAAAATGGCCACAATGAAAGCCAGATTCATCCCAAATCGTAGAGCAGGAGAAGAAATATACTT  
 CAGTACGAAAGAACTGTGCTTACAATTTCCGGCCATGATTGTTTTTGTGATCCTAAAAACTTCCACAT  
 GGAACCTACTCTACATTCTTCTGCCTTTGTCATGACCCTGAAGTGCCAGTCAGACACACTATTGCTATT  
 TGCTTTTATGAAGTATCTAAACTTCTGAATTCTGGAGTACATTTAATTCACAAAGAGCTGATAACATTGT  
 TACAAGATGAGTCACTGGAGTTCTAGATGCTCTTATAAATCACCTTCCAGAAATCTTGGAACTTATGTC  
 TACTGGTGGAGAAAACAGTGTTCAGAAAATAAGTTTTCTCAGTGCCAGACTTGATTCCAGCACTCACA  
 GCTGCTGAGCAGCGAGCTGCAGCTCCCTGAAGTGGAGGCCACGAGAAGCTGCTGCAGAAGTACACCT  
 GTCTGCCTCATATCATATCGAGTGACCAGATTTATTACCGTTTCTTACAAAGAATGTTACCACATCATGAT  
 GACAAATAATGTCTTACCTGTCCAAAGGGCAGCTGCACGAAGTCTATGCATTTTTCTACGATATAATCGT  
 AAACAAGAGCAGAGGCATGAAGTCAATCAAAAATAATGAACAGTTGGGCCAAGGAAAAAGTTATTGGA  
 ATAGACTTCGCTTTTGGATACCTGTGAATTTATCATAGAGATATTTCCAGATCAATTTTCTGCAATA  
 TTTCTTTCTACCTGTTATTGAACTAACCATGACCCAGTGGCAAATGTGAGAATGAACTTTGCTACCTG  
 CTGCCAAGGTGAAGTCTGCGCTGAAGATTCTGCAGACATGCATCTCTCCAGCAGCTAGAAAATGTGTG  
 TGAGAAAGCTCCTGTGTCAAGAAAAAGATAAAGACGCTCTGGCTATTGTGAAGAAAACGGTATTAGAGTT  
 GGACAGAATGGAGATGTCTATGGATATGTTCCAGAAAAAACTATGAGAAAAGATTTGTTGGATCAAGAG  
 AAAGAAAGAGAAGAGCTGCTGTTTTGGAAATGGAACAGCTGGAGAAGGAGAAGCATCAGAGTGACGGGA  
 GGCTGGCCAGTGACAAAAGCTTTGAGAAGAAACGAGAGACTCCAGGACATCAACTCAGAGCCTGTCCAA  
 GAACCTTGCCATTTCTGTTCTTGACCCCTCTAGCACTGCATCAACAAGCAAAGAAATCAAGAAATCC  
 AAATTGACTCGAAGCCAATCTTTAATAATCAAGCTTTTATGCAAAATATGGCACCTTAGACAAGTGTG  
 CTAGTAAAAGTTCCACCTTAGCACACACGCTTCCGTCTCAGGGCTGGTGGAGACTGCCATGCTGCTCACT  
 AACTGATGACTCATTCCGAACTCGAAATGCCAGCAGTGTCCAGCTTCTTTTCTCCTAACCTGTCATG  
 CCCAGCACTTCCCGTGGGCCAGGTAACACAGCCGATCCAAAGAGTAGTGAAGTAAAGTGCACAGCCCC  
 GGAAGGCTACCTTAAAATCCAGAAAATCCAATCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_028980  
**Insert Size:** 2628 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>	<a href="#">NM_028980.3</a> , <a href="#">NP_083256.2</a>
<b>RefSeq Size:</b>	3683 bp
<b>RefSeq ORF:</b>	2628 bp
<b>Locus ID:</b>	74521
<b>UniProt ID:</b>	<a href="#">Q8C0Y0</a>
<b>Cytogenetics:</b>	12 E
<b>Gene Summary:</b>	Putative regulatory subunit of serine/threonine-protein phosphatase 4.[UniProtKB/Swiss-Prot Function]