

## Product datasheet for MC211742

### PPP1R3G (NM\_029628) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ppp1r3g (NM\_029628) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ppp1r3g  
**Synonyms:** 1600032L17Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211742 representing NM\_029628  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCCCTCGGGAGAACAGCTACACAGATCCGAGGCGTCCAGCTCTACGTCTTCCGGAGACCCTCAAT  
 CCGCGGAGGAAGTGTGGTCCCCGAGGTCCTTTGCGTGGAGAGTGGCACCTCTGAGACCCCGATCCCTGA  
 TGCTCAGCTCCAGGACCGCCCTGTGCGCCGAGAAAGGGGCAGCTCTCCCGAACAGGAGGAGCTACAG  
 GAATATCGCCGCTCTCGTGCGCGCTCCTTCTTTGCCCGCAGACCCATCCTGCAGGCGGCCAAGCTCC  
 TGCAGCAGAGGCAGCAGGCGGGACAGCCAGCTCAGAGGGTGGCGCGCCGGCTGGGGACTGCTGCTCCAA  
 GTGTAAGAAGCGCGTGCAGTTCCGCCGACTCCCTGGGACTGAGCCTGGCCAGCGTGAAGCACTTCAGCGAG  
 GCCGAGGAGCCTCAGGTGCCCGCCGCTACTTTCCCGTCTCCACAGCTTCCCGCTGCGCGCCGAGGACC  
 TGCAGCAGCTCGGGGGCTGCTGGCAGTGGCAACGATGCCTGATCCTCTTTGGTACCCTGCGCCCGGCT  
 CCGACCCCACTTCCAGCTCCCGGAGCTGCGCGCTGCGGAGGAGCGTCTGCGGCGACAGCGAGTGTGCTG  
 GAGCGTGTGCAGTGTCCAGCCGCCCGCGCCGAGGTGACCGGCTCTGGCCGAGTATCAGTTGCCCGC  
 GACCCAGGGCAGTGGCGGTGCGCTACACTTTCACGGAGTGGCGTACCTTTCTGGAGTGCCTGAGT  
 GGACCCGAGTCAAGTGGAGCCCTGCCTCCATTGCAAGTCAAGGGACTCTGGATCAAAGGCTGAGGATAGT  
 GAGGAGGGGCCCGCACCGAGCGTTTCCACTTCTCGCTGTGCTGCCCGGGTCTGCAGCCCAAAGAAG  
 GGGAGGATGCTGGCGCGTGGGAGTGCCTATTCATTTTGGCGTCTGCTACCGCTGCGAACAGGGAGAATA  
 CTGGGACAACAACGAGGGGGCCAACTACACCTTGCCTATGTGTGCTCCACAGACCCGCT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029628



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<b>Insert Size:</b>	1044 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_029628.1</a> , <a href="#">NP_083904.1</a>
<b>RefSeq Size:</b>	2320 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	76487
<b>UniProt ID:</b>	<a href="#">Q9CW07</a>
<b>Cytogenetics:</b>	13 A3.3
<b>Gene Summary:</b>	Glycogen-targeting subunit for protein phosphatase 1 (PP1). Involved in the regulation of hepatic glycogenesis in a manner coupled to the fasting-feeding cycle and distinct from other glycogen-targeting subunits.[UniProtKB/Swiss-Prot Function]