

## Product datasheet for MC212545

### PPP1R36 (NM\_001163103) Mouse Untagged Clone

#### Product data:

|                      |  |
|----------------------|--|
| Product Type:        | Expression Plasmids  |
| Product Name:        | PPP1R36 (NM_001163103) Mouse Untagged Clone  |
| Tag:                 | Tag Free   |
| Symbol:              | PPP1R36  |
| Synonyms:            | Gm70   |
| Vector:              | pCMV6-Entry (PS100001)   |
| E. coli Selection:   | Kanamycin (25 ug/mL)   |
| Cell Selection:      | Neomycin   |
| Fully Sequenced ORF: | >MC212545 representing NM_001163103<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTCAAGAGTGAGGCCATGTTACCCTCCAGAGTTTTACTCCAGGAGAAAGCAGTTTGTGGGCAAT  
CCTCTACCGGCTGGACCAATGTGGATTACGACTAGGAATGTGGTATTGAAAGACGAAACAAAACTCT  
GGAATTTAAAAGTTTACACCTGCAATAGAACAAGGAGAAAGGCAAGAAAGGGGAGCGGTTCACTTT  
GCTGAGATGGACAGCGGAGCTTCGAAAAGTTGACAGATAAAAGTTTGCCTCAAGGGATGAGAAGCGG  
CTAAGGCTTTGGAGAAACGAAGTCAGCAGGGCAATGTCACGCTGGATGACGTCAAGTTTGTGCCCTGCT  
GTCCCTCCAGGACACTGAAATGCAGCGGATCTGCTCCTTACCACGTTTTTGGAGAAAGAATCTTGAC  
AGCTTCTCATGGCGCTGTTGTAATCTGCTTATTACCTGCAGAGACTCTCGATGGAGAAGAATCCCC  
AAAGCCGCGTGGTAGGCCTGATAGAGAAGAAAGAGGTAGAGCTGGTTGTGAACAAGTTAGAAGATGCACA  
GAAGTACCTGGCTCAGAAGTACTGCATCCTCGTCTGGGCTTGGGATGGCGGATAAGCATCACTTGAGC  
TGTGAAAAGGAGAAAATATCAGACACCCAAAAAGACTGGAAATCTTTGAGTCTTTTATACCTTCTGTA  
CCTGTATAGCCTGGATCGTCTTCCGACGTCAGTACTTGACAGAGATCGAGGAAGAGGTAGGCAGGCTTTT  
TCGGACCAATATGTTTAAACATTCCTCGAAGGAAGCATGAAGACGAAGCGTCAGGAGGAGAGAAGAAGCGC  
ATGACATTGGTACAGTTCAGGAGAAATGATGGCAAACGTCAGCAATTAAGGAGGCGTGGACATGCGCT  
CCCCAGTTTTGTCTACGCTGCTGCCGCTCTCAGAGAAAAGCTCAACATATCACAGAGAAAAGTATGT  
GGCAGGCATCAAACCTCAACCCCGAGAGGAGAACATAATAACAGATCTGGAATCTGTGGCTATGCCAATA  
GTTGGCATCTTGGGGGAGCCTCGAAATCTGTTCAACCCGAATACTCTCCTCCCCCTGGAATTAGAAGAAA  
ACACAAAACCAAGTGAAGAAGTTCTTCCATAGTCGAGACAAATAACACAAAGATCCAAAACACACTGAG  
TTTAGTCATGTCAAACCTAGCTTCGCCAAGCACCTGCCCTAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001163103  |
| <b>Insert Size:</b>           | 1236 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><a href="#">NM_001163103.1</a></u> , <u><a href="#">NP_001156575.1</a></u>   |
| <b>RefSeq Size:</b>           | 1453 bp   |
| <b>RefSeq ORF:</b>            | 1236 bp   |
| <b>Locus ID:</b>              | 210762  |
| <b>UniProt ID:</b>            | <u><a href="#">D3Z0R2</a></u>   |
| <b>Cytogenetics:</b>          | 12 C3   |
| <b>Gene Summary:</b>          | Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.[UniProtKB/Swiss-Prot Function]  |