

Product datasheet for **MC222321**

PPP6r3 (NM_028999) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | PPP6r3 (NM_028999) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PPP6r3 |
| Synonyms: | 4930528G08Rik; 9130026N02Rik; D19Bwg1430e; D19Ertd703e; mKIAA1558; Pp6r3; Ppcs3; Pptcs3; Sapl; Saps3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC222321 representing NM_028999
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTTGAAAATTTGATCTTCACTCATATCCCACATAGACACGCTTCTAGAGAGAGAAGATGTGACAC
 TGAAGGAGCTAATGGATGAGGAGGATGTTCTACAGGAGTGTAAAGCACAGAACCGCAAGCTCATAGAATT
 TCTGTTAAAAGCAGAATGCTGGAAGATTTAGTCTCATTATTAGAAGAACCCTCAAGATATGGAT
 GAGAAGATCCGATACAAGTATCCAAATATATCTTGTGAGTTGCTCACATCTGATGTCTCCAGATGAATG
 ATAGACTGGGGGAAGATGAGTCTTGCTAATGAAATTGTATAGCTTCTCCTAAATGAGTCCCCCTTGA
 CCCACTACTCGCCAGTTTCTTCAGCAAGGTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
 GATTTCTTGAAAAAGAAGCGTGATTTTGTGGATCTCATTATAAAGCACATAGGAACCTTCTGCTATCATGG
 ATTTATTGCTCAGGCTCTTGACATGTATTGAGCCTCCACAACCCAGGCAAGATGTTCTGAATTGGCTAAA
 TGAGGAGAGGATTATCCAGAGGCTTGTGGAATAGTTCACCCATCGCAAGAAGAAGATCGGCATTCAAT
 GCCTCACAACTCTTTGTGAAATTTGTCGCTGAGCAGAGACCAGATGTTACAAGTTCAGAACAGTACAG
 AGCCAGACCCCCTGCTTGCCACTCTAGAAAAGCAAGAAATTTATTGAGCAGCTTCTGTCAAATATTTTTCA
 CAAGGAGAAGAATGAATCGGCCATAGTCAAGTCAATTCAGATTTTGTGACTTTGCTTGAGACTCGACGG
 CCAACGTTTGAAGGCCATATAGAAATCTGCCCCCGGGCATGAGTCAATCAGCTTGTTCAGTTAAACAAGA
 GTGTTCTTGAAGCCATCCGAGGAAGACTTGGATCTTCCATGAATCCTACTCGACCCCAAGAAAAG
 TGTGATGAAGACTACATGGGGTATATTGGACCCACCTGTGGGAACTCGATTAATGTCATTAGTTG
 ATATCCAGCCTGCTCAAACCAATACCAGCAGCATAAATGGAGACCTGATGGAAGTGAACAGCATTGGCC
 TCATATTGGATATGTTCTCAAGTACACATGGAATAACTTCTACACAGCAAGTGGAAATTTGCATTGC
 TCTCATTCTGGCCAGCTCTTTGAGAATGCAGAGAATGGCACAATTAAGTATCAAGACTCCACTGGTGAC
 AATTTGTTATTGAAGCATCTTTTCAAAGTGTCAAGTTAATAGAGCGAATACTTGAGCCTGGGACACAA
 ATGAGAAGAAACAGGCTGAAGGAGGACGACGGCATGGTTACATGGGACACCTTACGAGGATAGCTAACTG
 TATTGTGCACAGCACTGACAAGGTCGCAACAGTGCCTTACAGCAGCTCATCAAAGTCTTCCCGAT
 GAAGTCAGGGAGCGGTGGGAGACGTTCTGCACGAATCCTTAGGAGAGACGAACAAGAGGAACACGGTAG
 ATCTAGTTACAACCTGCCATATTCATTCATCCAGTGTGATGAAATGACTTTAAAGACACGGGTTTCTC
 ACAGGATTCCTCTTACAGCAAGCCTTTTCTGATTATCAGATGCAACAAATGACGTCGAATTTTATTGAC
 CAGTTTGGCTTCAACGATGAGAAGTTTGCAGACCAAGACGACATTGGCAATGTTTCTTTTGTGATCGGGTGT
 CAGATATCAACTTACTCTCAATACAAATGAAAGTGGAAATATTGCCCTGTTTGAAGCATGTTGTAAGA
 ACGGATACAACAATTTGATGATGGCGGCTCTGATGAAGAGGATATCTGGGAGGAGAAGCACATTGCATTT
 ACTCCCGAATCCCAGAGGAGGTCCAGCTCTGGCAGTACGGACAGTGAAGAAAGTACAGACTCTGAAGAAG
 AAGATGGGGCCAAACAAGACCTGTTTGTGAGTCCAGCAGTGCAAACACAGAGGACAAATGGAGGTGGATCT
 GAATGAGCCACCCACCTGGTCAGCCAATTTGACGTCCCAATGGAACCACCCATGGTGTCCCTTAGAC
 TCCGTGGGATCCGATGTCTGGAGCACAGAGGAGCAATGCCAATAAAGAGACAGGCTGGGCTTCCCTTT
 CAGAGTTCACATCCTCCCTGAGCACAAGGAGTCTTTAAGGAGTAATTCGCTGTGGAATGGAAACCAG
 CACTGAATCCGTGGACCCCTTGCACCTGGTGCAGCTGCCTTGGCCACTCAGCCAGAGGCCACAGGCAGT
 ATGGCCATGGAAGCCAGCTCAGATGGGGAAGAGGATGCTGAGAGTACAGACAAGGTAAGTGAACCGTGA
 TGAATGGCGCATGAAGGAAACTCAGCCTCACTGTAGACGCCAAGACAGAGACTGCAGTCTTCAAAG
 TGAGGAAGAAAACTGTCTACCTCTCAAGATGCTGCTTGCAAAGATGCAGAAGAGACCCAGAGCCAGCA
 GAGGCCAAGTGCACAGCTCCCCTGACTCCAGCAGTAGTCCCAGCAAAGGACCGACCCAGCCAAGCATGC
 CAAGCGACCCATCAGTTAATGGCCCTGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1966_h09.zip

Restriction Sites: SgfI-MluI

ACCN: NM_028999

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| Insert Size: | 2622 bp |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. More info</p> |
| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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. |
| RefSeq: | NM_028999.1 , NP_083275.1 |
| RefSeq Size: | 4979 bp |
| RefSeq ORF: | 2622 bp |
| Locus ID: | 52036 |
| UniProt ID: | Q922D4 |
| Cytogenetics: | 19 3.21 cM |
| Gene Summary: | Regulatory subunit of protein phosphatase 6 (PP6). May function as a scaffolding PP6 subunit. May have an important role in maintaining immune self-tolerance (By similarity). [UniProtKB/Swiss-Prot Function] |