

Product datasheet for **MC221870**

PPP6r3 (NM_001164159) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP6r3 (NM_001164159) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP6r3
Synonyms:	4930528G08Rik; 9130026N02Rik; D19Bwg1430e; D19Ertd703e; mKIAA1558; Pp6r3; Ppcs3; Pptcs3; Sapl; Saps3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221870 representing NM_001164159
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTTGGAAATTTGATCTTCACTCATATCCCACATAGACACGCTTCTAGAGAGAGAAGATGTGACAC
 TGAAGGAGCTAATGGATGAGGAGGATGTTCTACAGGAGTGTAAAGCACAGAACCACAAGCTCATAGAATT
 TCTGTTAAAAGCAGAATGCTGGAAGATTTAGTCTCATTATTAGAAGAACCCTCAAGATATGGAT
 GAGAAGATCCGATACAAGTATCCAAATATATCTTGTGAGTTGCTCACATCTGATGTCTCCAGATGAATG
 ATAGACTGGGGGAAGATGAGTCTTGTAAATGAAATTGTATAGCTTCTCCTAAATGAGTCCCCCTTAA
 CCCACTACTCGCCAGTTTCTCAGCAAGGTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
 GATTTCTGAAAAAGAAGCGTGATTTTGTGGATCTCATTATAAAGCACATAGGAACCTTCTGCTATCATGG
 ATTTATTGCTCAGGCTCTTGACATGTATTGAGCCTCCACAACCCAGGCAAGATGTTCTGAATTGGCTAAA
 TGAGGAGAGGATTATCCAGAGGCTTGTGAAATAGTTCACCCATCGCAAGAAGAAGATCGGCATTCAAT
 GCCTCACAACTCACTTTGTGAAATTTGTCGCTGAGCAGAGACCAGATGTTACAAGTTCAGAACAGTACAG
 AGCCAGACCCCCTGCTTGCCACTCTAGAAAAGCAAGAAATTTATTGAGCAGCTTCTGTCAAATATTTTTCA
 CAAGGAGAAGAATGAATCGGCCATAGTCAGTGCATTCAGATTTTGTGACTTTGCTTGAGACTCGACGG
 CCAACGTTTGAAGGCCATATAGAAATCTGCCCCCGGGCATGAGTCATTAGCTTGTTCAGTTAAACAAGA
 GTGTTCTTGAAGCCATCCGAGGAAGACTTGGATCTTCCATGAATCCTACTCGACCCCAAGAAAAG
 TGTGATGAAGACTACATGGGGTATATTGGACCCACCTGTGGGGAATACTCGATTAATGTCATTAGTTG
 ATATCCAGCCTGCTCAAACCAATACCAGCAGCATAAATGGAGACCTGATGGAAGTGAACAGCATTGGCC
 TCATATTGGATATGTTCTCAAGTACACATGGAATAACTTTCTACACAGCAAGTGGAAATTTGCTTTGC
 TCTCATTCTGGCCAGTCTTTTGAAGTGCAGAGAATGGCACAATTAAGTATCAAGACTCCACTGGTGAC
 AATTTGTTATTGAAGCATCTTTTCAAAGTGTCAAGTTAATAGAGCGAATACTTGAAGCCTGGGACACAA
 ATGAGAAGAAACAGGCTGAAGGAGGACGACGGCATGGTTACATGGGACACCTTACGAGGATAGCTAACTG
 TATTGTGCACAGCACTGACAAGGTCGCAACAGTGCCTTACAGCAGCTCATCAAAGTCTTCCCGAT
 GAAGTCAGGGAGCGGTGGGAGACGTTCTGCACGAACTCCTTAGGAGAGACGAACAAGAGGAACACGGTAG
 ATCTATTTGGCTTCAACGATGAGAAGTTTGCAGACCAAGACGACATTGGCAATGTTTCTTTTGTGCGGT
 GTCAGATATCACTTTACTCTCAATACAAATGAAAGTGGAAATATTGCCCTGTTTGAAGCATGTTGTA
 GAACGGATACAACAATTTGATGATGGCGGCTCTGATGAAGAGGATATCTGGGAGGAGAAGCATTGCAT
 TTAATCCCGAATCCAGAGGAGTCCAGCTCTGGCAGTACGGACAGTGAAGAAAGTACAGACTCTGAAGA
 AGAAGATGGGGCCAAACAAGACCTGTTTGAAGTCCAGCAGTGCACACAGAGGACAAAATGGAGGTGGAT
 CTGAATGAGCCACCCACCTGGTCAGCCAACTTTGACGTCCCAATGGAAACCACCCATGGTGTCCCTTAG
 ACTCCGTGGGATCCGATGTCTGGAGCACAGAGGAGCCAAATGCCAACTAAAGAGACAGGCTGGGCTTCCCT
 TTCAGAGTTACATCCTCCCTGAGCACAAAGGAGTCTTTAAGGAGTAATTCGCTGTGGAAATGGAAACC
 AGCACTGAATCCGTGGACCCCTTGACACCTGGTGCAGCTGCCTTGGCCACTCAGCCAGAGGACCCAGGCA
 GTATGGCCATGGAAGCCAGCTCAGATGGGGAAGAGGATGCTGAGAGTACAGACAAGGTAAGTACTGAGACCGT
 GATGAATGGCGGCATGAAGGAAACACTCAGCCTCACTGTAGACGCAAGACAGAGACTGCAGTCTTCAA
 AGTGAGGAAGAAAAACTGTCTACCTCTCAAGATGCTGCTTGAAGATGCAGAAGAGACCCAGAGCCAG
 CAGAGGCCAAGTGCACAGCTCCCTGACTCCAGCAGTAGTCCCGAGCAAGGACCGACCCAGCAAGCAT
 GCCAAGCGACCCATCAGTTAATGGCCCTGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164159
Insert Size: 2484 bp

OTI Disclaimer:	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).
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_001164159.1 , NP_001157631.1
RefSeq Size:	4693 bp
RefSeq ORF:	2484 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]