

Product datasheet for **MC221986**

PPP6R3 (NM_029456) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP6R3 (NM_029456) 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



[View online »](#)

Fully Sequenced ORF: >MC221986 representing NM_029456
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTTGGAAATTTGATCTTCACTCATATCCCACATAGACACGCTTCTAGAGAGAGAAGATGTGACAC
 TGAAGGAGCTAATGGATGAGGAGGATGTTCTACAGGAGTGTAAAGCACAGAACCCGAAGCTCATAGAATT
 TCTGTTAAAAGCAGAATGCTGGAAGATTTAGTCTCATTATTAGAAGAACCCTCAAGATATGGAT
 GAGAAGATCCGATACAAGTATCCAAATATATCTTGTGAGTTGCTCACATCTGATGTCTCCAGATGAATG
 ATAGACTGGGGGAAGATGAGTCTTGCTAATGAAATTGTATAGCTTCTCCTAAATGAGTCCCCCTTGA
 CCCACTACTCGCCAGTTTCTTCAGCAAGGTGCTAAGTATTCTTATCAGCAGAAAACCAGAACAGATTGTG
 GATTTCTGAAAAAGAAGCGTGATTTTGTGGATCTCATTATAAAGCACATAGGAACCTTCTGCTATCATGG
 ATTTATTGCTCAGGCTCTTGACATGTATTGAGCCTCCACAACCCAGGCAAGATGTTCTGAATTGGCTAAA
 TGAGGAGAGGATTATCCAGAGGCTTGTGAAATAGTTCACCCATCGCAAGAAGAAGATCGGCATTCAAT
 GCCTCACAACTCACTTTGTGAAATTTGTCGCTGAGCAGAGACCAGATGTTACAAGTTCAGAACAGTACAG
 AGCCAGACCCCCTGCTTGCCACTCTAGAAAAGCAAGAAATTTATTGAGCAGCTTCTGTCAAATATTTTTCA
 CAAGGAGAAGAATGAATCGGCCATAGTCAGTGCATTCAGATTTTGTGACTTTGCTTGAGACTCGACGG
 CCAACGTTTGAAGGCCATATAGAAATCTGCCCCCGGGCATGAGTCATTAGCTTGTTCAGTTAACAAAGA
 GTGTTCTTGAAGCCATCCGAGGAAGACTTGGATCTTCCATGAACCTCTACTCGACCCCAAGAAAAG
 TGTGATGAAGACTACATGGGGTATATTGGACCCACCTGTGGGGAATACTCGATTAATGTCATTAGTTG
 ATATCCAGCCTGCTCAAACCAATACCAGCAGCATAAATGGAGACCTGATGGAAGTGAACAGCATTGGCC
 TCATATTGGATATGTTCTCAAGTACACATGGAATAACTTTCTACACAGCAAGTGAAGAAATTTGCATTGC
 TCTCATTCTGGCCAGTCTTTTGAAGTGCAGAGAATGGCACAATTACTGATCAAGACTCCACTGGTGAC
 AATTTGTTATTGAAGCATCTTTTCAAAGTGTCAAGTTAATAGAGCGAATACTTGAGCCTGGGACACAA
 ATGAGAAGAAACAGGCTGAAGGAGGACGACGGCATGGTTACATGGGACACCTTACGAGGATAGCTAACTG
 TATTGTGCACAGCACTGACAAGGGTCCGAACAGTGCCTTACTGACAGCAGCTCATCAAAGTCTTCCCGAT
 GAAGTCAGGGAGCGGTGGGAGACGTTCTGCACGAACCTTAGGAGAGACGAACAAGAGGAACACGGTAG
 ATCTAGCCTTTTCTGATTATCAGATGCAACAAATGACGTCCAATTTTATTGACCAGTTTGGCTTCAACGA
 TGAGAAGTTTGCAGACCAAGACGACATTGGCAATGTTTCTTTTGTGATCGGGTGTGAGATATCAACTTTACT
 CTCAATACAAATGAAAGTGGAAATATTGCCCTGTTTGAAGCATGTTGTAAGAACGGATACAACAATTTG
 ATGATGGCGGCTCTGATGAAGAGGATATCTGGGAGGAGAAGCACATTGCATTTACTCCCGAATCCCAGAG
 GAGGTCCAGCTCTGGCAGTACGGACAGTGAAGAAAGTACAGACTCTGAAGAAGAAGATGGGGCCAAACAA
 GACCTGTTTGTAGTCCAGCAGTGCAAACACAGAGGACAAAATGGAGGTGGATCTGAATGAGCCACCCACCT
 GGTGAGCAACTTTGACGTCCCAATGGAACCACCCATGGTGTCTCCCTTAGACTCCGTGGGATCCGATGT
 CTGGAGCACAGAGGACCAATGCCAACTAAAGAGACAGGCTGGGCTTCTTTTTCAGAGTTTACATCTCTCC
 CTGAGCACAAAGGAGTCTTTAAGGAGTAATTCGCTGTGGAATGGAAACCAGCACTGAATCCGTGGACC
 CCTTGACACCTGGTGCAGCTGCCCTGGCCACTCAGCCAGAGGCACCAGGCAGTATGGCCATGGAAGCCAG
 CTCAGATGGGGAAGAGGATGCTGAGAGTACAGACAAGGTAAGTGAAGCCGTGATGAATGGCGGCATGAAG
 GAAACACTCAGCCTCACTGTAGACGCCAAGACAGAGACTGCAGTCTTCAAAGTGAAGAAAGAAAATCTGT
 CTACCTCTCAAGATGCTGCTTGCAGAAAGTGCAGAAAGAGACCCAGAGCCAGCAGAGGCAAGTGCACAGC
 TCCCTGACTCCAGCAGTAGTCCCGAGCAAAGGACCGACAGCCAAAGCATGCCAAGCGACCCATCAGTT
 AATGGCCCTGT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029456
Insert Size: 2535 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_029456.2 , NP_083732.1
RefSeq Size:	4892 bp
RefSeq ORF:	2535 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]