

Product datasheet for **MC205609**

PPP4R3B (NM_134034) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP4R3B (NM_134034) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP4R3B
Synonyms:	AW011752; AW557776; mKIAA1387; Smek2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006870
 GGCGGATCTGTAGTAGTAACCGCGGCGGGCGGGCAGCGGGAGAGCGAGCTCCGGGACGCAAAAAG
 GAAGGGAGAGTGGTTGTGCGCCGCGGTGAAGGGAGGGGTAGCGGAGACCACGAGCGGAGGGCTCTCGGTG
 GCTCTGGTCACCCCTTCTCGCGGCTAAACCTTTAGAGCCATGGTAAACTCGGGCTCTCCAGAGTCGCTG
 CCACCACCGCCGCTGCCGCCACTACCGGCTCTCAAGAGTGAGGGATACCGCGAGGTGAGCGAGGAGGTG
 GCGGTGGAACGGTGGGGCCAGAAGCCACCATGTCGGATACACGGAGGCGAGTGAAGGTCTATACCCTTA
 ACGAAGACCGGCAATGGGACGACCGAGGCACCGGGCAGCTCTCCACTTACGTAGAGGAGCTCAAGGG
 GATGTCGCTGCTGGTTCGTGCCGAGTCCGACGGATCGCTACTCTTAGAGTCAAAGATAAAATCCAAACACT
 GCATATCAGAAAACAGCAGGATACATTAATTGTTTTGGTCAAGAGCTGAAAACATGATCTGGCTCTAAGTT
 TTCAAGAAAAAGCTGGCTGTGATGAAATTTGGGAAAAAATTTGTCAAGTTCAAGGTAAGGACCCATCAGT
 AGAAGTCACACAGGACCTCATTGATGAATCTGAAGAAGAACGATTTGAAGAAATGCCAGAAAAGTGCAT
 CTAATTGACCTGCCACATGTGAACTCAGTAACTTGAAGAGATTGCTGACTTAGTTACCTCAGTTCTCT
 CCTCACCTATCCGTAGGGAAAAGCTGGCTCTGGCCTTGGAAAATGAAGGCTATATCAAAAACTACTACA
 GCTATTCCAAGCTTGTGAGAACCTAGAAAACACTGAAGGCTTACACCATCTGTATGAAATATTAGAGGA
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 CTGTTCAAGTTAATGGACTTCTTCGTACTCTAATTGATCCAGAGAACATGTTGGCTACAACATAAAAAAC
 TGAAGAGAGTGAGTTCTTAAATTTCTTCTACAACCATTGTATGCATGTTCTCACTGCTCCACTTTTGACC
 AATACGTCAGAAGACAAATGCGAGAAAGATAATATGCTTGGATCTAACACAACCAACACAATTTGCCCTG
 ATAATTATCAAACAGCACAGCTGCTTGCCTAATTTTAGAGTTACTCACATTTTGTGGAACATCACAC
 ATACCACATAAAAACTACATCATGAACAAGGACTTGTGAAGAAGTCTTGGTGTGATGAATTCAAAG
 CACACTTTTCTGGCCTTGTGTGCTTTCGCTTTATGAGGCGAATAATTGGCCTGAAAGATGAATTTTATA
 ATCGTTACATACCAAAGGAAATCTTTTTGAGCCAGTTATAAATGCCCTTTTGGATAATGGAACCTCGGTA
 CAATCTTTTAAATTCAGCTGTTATTGAATTTGTTGAATTTATAAGAGTGAAGATATCAAGTCTCTTACT
 GCACATATAGTTGAAAACTTTTATAAAGCACTTGAATCGATTGAATATGTTTCAGACATTCAAAGGATTGA
 AGACTAAATATGAACAAGAAAAAGACAGACAAAATCAGAAAAGTGAACAGTGTACCATCTATATTGCGTAG
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 GAAGAAGGAAAGGCAGTCATAACACCAGTTGAAAAATCTAAGACTGAAGATGATTTTCCAGATAGTTATG
 AAAAAATTTATGGAACATAAAAAAGCAAAAGAAAGTGAAGACAAAGAAAACCTTCCAAAAGGGCATCATC
 TGGTGGCTTCAAATTTACTTTCTCCATTCCTCCAGTGTACTAATGGAACAAACAGTACAAACAGTAAG
 TCTGTAGTGAGTCAGACAACACCAGCAAGTTCTAATGTGGCTCTTCCAAAACATAAGCCTGGCTACAT
 CAGTGACAGCCACAAGGGAAATTTGGTTGGCTTGGTAGACTATCCAGATGATGAAGAGGAAGATGAGGA
 AGAAGAATCATCCCTAGGAAAAGACCTCGCTGGGCTCTAGAACCATGCTGGGGATTCCCAACCA
 TGGTCTTACTAAGTGTGAGCTGCTCACGCACGGAGCTTGAAGTCTGAATGGGAAAGCTTTCATATGGAA
 CTTAACACACGGAGTAGCAGAGACTCTTGGTTGCCAGGTAGGAAAGTGTAGTTGTGTAAGAACCAGGCTT
 CCCAAAACCTTAAATTCCTAGTAATTAAGGGTTTGCCTTTTGGGCTGTCCAAAAGAAGAAATGATAATT
 AGATCCTGGGTGAAAGCTTCCCAACAAGGAAAGGCTCATATTTGGGGTGAAGAGGTTAATTGTTCCAG
 AGTCCAACCTAGAGGAAATGTGAGACTTCAGTACCCAATAACATTGCTTGTATAAATGGTGTGCCACG
 TTGTTTTAATCAGTTGCCTTTTTTAAAAGACATTTTTATGTAAGCAAATGAACTGTATCAGAAAT
 GAAGTTACATTGTTGGGACATTTCTTTAAAGATTTACAGAAAGTTAGCCTTTGGCATTGACAGGACAT
 ACACCCTAGGTAACAAACAGCACATACCAATTTCTTACACCAAGAAGCTTCTAATACATTGAAAAA
 AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN:	NM_134034
Insert Size:	2463 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:	BC006870 , AAH06870
RefSeq Size:	3370 bp
RefSeq ORF:	2463 bp
Locus ID:	104570
UniProt ID:	Q922R5
Cytogenetics:	11 A3.3
Gene Summary:	Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers (By similarity).[UniProtKB/Swiss-Prot Function]