

## Product datasheet for **RC211705**

### PPP2R5C (NM\_178586) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R5C (NM_178586) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R5C
Synonyms:	B56G; B56gamma; PR61G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC211705 representing NM\_178586  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTGACATGTAATAAAGCGGGCAGCAGGATGGTGGTGGATGCGGCCAACTCCAATGGGCCTTTCCAGC  
 CCGTGGTCTTCTCCATATTCGAGATGTTCTCTGCTGATCAAGAGAAGCTTTTATCCAGAAGTTACG  
 TCAGTGTGCGTCTCTTTGACTTTGTTTCTGATCCACTAAGTGACCTAAAGTGGAGGAAGTAAACGA  
 GCTGCTTTAAGTGAATGGTAGAATATACCCATAATCGGAATGTGATCACAGAGCCTATTTACCCAG  
 AAGTAGTCCATATGTTTGCAGTTAACATGTTTGAACATTACCACCTTCTCCAATCCTACGGGAGCGGA  
 ATTTGACCCGGAGGAAGATGAACCAACGTTAGAAGCAGCCTGGCCTCATCTACAGCTTGTATGAATTT  
 TTCTTAAGATTTTAGAGTCTCCAGATTTCCAACCTAATATAGCGAAGAAATATATTGATCAGAAGTTG  
 TATTGCAGCTTTAGAGCTTTTACAGTGAAGATCCTCGGGAGAGAGATTTTCTAAAACCACCCTTCA  
 CAGAATCTATGGGAAATTCCTAGGCTTGAAGCTTACATCAGAAAACAGATAAATAATATATTTTATAGG  
 TTTATTTATGAAACAGAGCATCATAATGGCATAGCAGAGTTACTGGAAATATTGGGAAAGTATAATTAATG  
 GATTTGCCTTACCACTAAAAGAAGACACAAGATTTTCTTATTGAAGGTGTTACTACCTTTGCACAAAGT  
 GAAATCTCTGAGTGTCTACCATCCCAGCTGGCATACTGTGTAGTGCAGTTTTAGAAAAGGACAGCACC  
 CTCACGGAACCAAGTGGTATGGCACTTCTCAAATACTGGCCAAAGACTCACAGTCCAAAAGAAGTAAATGT  
 TCTTAAACGAATTAGAAGAGATTTAGATGTCAATGAACCATCAGAAATTTGTGAAGATCATGGAACCCCT  
 CTTCCGGCAGTTGGCCAAATGTGTCTCCAGCCCACTTCCAGGTGGCAGAGCGAGCTCTCTATTACTGG  
 AATAATGAATACATCATGAGTTTAAATCAGTGACAACGCAGCGAAGATTCTGCCATCATGTTTCTTCTCT  
 TGTACCCTCACTCAAAGACCCATTGGAACAAGACAATACATGGCTTATACAAACGCCCCTTCAAGCTT  
 CATGGGATGAACCAAAAAGCTATTTGATGACTGTACACAACAGTTCAAAGCAGAGAACTAAAAGAGAAG  
 CTAATAATGAAAGAACGGGAAGAAGCATGGGTTAAAATAGAAAATCTAGCCAAAGCCAATCCCCAGGCAC  
 AGAAAAGATCCGAAGAAGGACCGTCTCTTGCACCCGCAAGTCCGAGCTGCCTCAGGACCCACACCAA  
 GAAAGCCTTGAAGCTCACTGCAGGGCCGATGAGCTGGCCTCCCAGGACGGCCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC211705 representing NM\_178586  
 Red=Cloning site Green=Tags(s)

MLTCNKAGSRMVDAANSNGPFQPVVLLHIRDVPPADQEKLFIQKLRQCCVLFDFVSDPLSDLKWKVEVKR  
 AALSEMVEYITHNRNVITEPIYPEVVHMFVAVNMFRTLPPSSNPTGAEFDPEEPTLEAAWPHLQLVYEF  
 FLRFLESPDFQPNIAKKYIDQKFLVQLLELFDSEDPREDFLKTTLHRIYKFLGLRAYIRKQINNIFYR  
 FIYETEHNGIAELLEILGSIINGFALPLKEEHKIFLLKVLPLHKVKSLSVYHPQLAYCVVQFLEKDDST  
 LTEPVVMALLKYWPKTHSPKEVMFLNELEEILDVIEPSEFVKIMEPLFRQLAKCVSSPHFQVAERALYYW  
 NNEYIMSLISDNAKILPIMFPLSRNSKTHWNKTIHGLIYNALKLFMEMNQKLFDDCTQQFKAEKLEK  
 LKMKEREEAWVKIENLAKANPQAQKDPKDRPLARRKSELQDPHTKKALEAHCRADELASQDGR

**TR**TRPLEQK**LISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

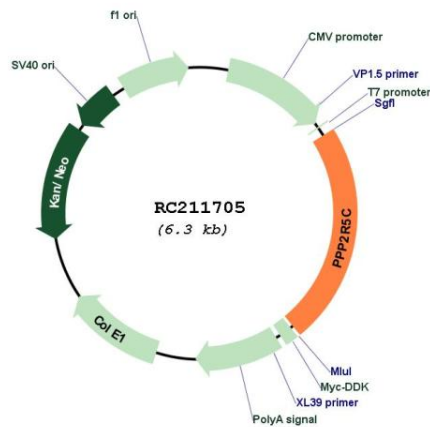
SgfI-MluI



**Cytogenetics:** 14q32.31  
**Protein Families:** Druggable Genome, Phosphatase  
**Protein Pathways:** Oocyte meiosis, Wnt signaling pathway  
**MW:** 56.7 kDa

**Gene Summary:** The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a gamma isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RC211705