

## Product datasheet for **RC232728**

### PPP2R2C (NM\_001206994) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R2C (NM_001206994) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R2C
Synonyms:	B55-GAMMA; B55gamma; IMYPNO; IMYPNO1; PR52; PR55G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC232728 representing NM\_001206994  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGTGAGGCGGACACGTTGAGGCCACCTCAGCTGATGGAAGTTCCGCTGACATCATCTCTACCGTTG  
 AGTTCAACCACACGGGAGAGCTGCTGGCCACAGGTGACAAGGGCGGCCGGTTCGTCATCTCCAGCGGGA  
 ACCAGAGAGTAAAAATGCGCCCCACAGCCAGGCGAATACGACGTGTACAGCACTTTCCAGAGCCACGAG  
 CCGGAGTTTGACTATCTCAAGAGCCTGGAGATAGAGGAGAAGATCAACAAGATCAAGTGGCTCCCACAGC  
 AGAACGCCGCCACTCACTCCTGTCCACCAACGATAAACTATCAAATTATGGAAGATTACCGAACGAGA  
 TAAAAGGCCCGAAGGATACAACCTGAAGGATGAAGAGGGGAACTTAAGGACCTGTCCACGGTGACGTCA  
 CTGCAGGTGCCAGTGCTGAAGCCATGGATCTGATGGTGGAGGTGAGCCCTCGGAGGATCTTTGCCAATG  
 GCCACACCTACCACATCAACTCCATCTCCGTCAACAGTACTGCGAGACCTACATGTCGGCGGATGACCT  
 GCGCATCAACCTCTGGCACCTGGCCATCACCGACAGGAGCTTCAACATCGTGGACATCAAGCCGGCCAAC  
 ATGGAGGACCTTACGGAGGTGATCACAGCATCTGAGTTCCATCCGCACCACTGCAACCTCTTCGTCTACA  
 GCAGCAGCAAGGGCTCCCTGCGGCTCTGCGACATGCGGGCAGCTGCCCTGTGTGACAAGCATTCCAAGCT  
 CTTTGAAGAGCCTGAGGACCCAGTAACCGCTCATTCTTCTCGGAAATCATCTCCTCCGTGTCGACGTG  
 AAGTTCAGCCACAGCGGCCGCTACATGCTACCCGGGACTACCTTACAGTCAAGGTCTGGGACCTGAACA  
 TGGAGGCAAGACCCATAGAGACCTACCAGGTCCATGACTACCTTCGGAGCAAGCTCTGTTCCCTGTACGA  
 GAACGACTGCATTTTCGACAAGTTTGAATGTGCCTGGAACGGGAGCGACAGCGTCATCATGACCGGGGCC  
 TACAACAATTCTCCGCATGTTGATCGGAACACCAAGCGGGACGTGACCTGGAGGCCCGGCGGTGATGACAT  
 GCAGCAAGCCCCGGGCTGTGCTCAAGCCACGGCGCGTGTGCGTGGGGGGCAAGCGCCGGCGGTGATGACAT  
 CAGTGTGGACAGCTTGGACTTACCAAGAAGATCCTGCACACGGCTGGCACCCGGCTGAGAACATCATT  
 GCCATCGCCGCCACCAACCTGTACATCTTCCAGGACAAGGTAACCTCTGACATGCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC232728 representing NM\_001206994  
 Red=Cloning site Green=Tags(s)

MREADTLRPPQLMEVSADIIISTVEFNHTGELLATGDKGGRVVFQREPESKNAPHSQGEYDVYSTFQSHE  
 PEFDYLSLEIEEKINKIKWLPQQNAHSLSTNDKTIKWKITERDKRPEGYNLKDEEGKLDLSTVTS  
 LQVPVLPMDLMVEVSPRRIFANGHTYHINSISVNSDCETYMSADDLRINLWHLAITDRSFNIVDIKPAN  
 MEDL TEVITASEFHPHHCNLFVYSSSKGSLRLCDMRAAALCDKHSKLFEEPEDPSNRSFFSEIISVSDV  
 KFSHSGRYMLTRDYLTVKVDLNMEARPIETYQVHDYLRSKLCSLYENDCIFDKFECAWNGSDSVIMTGA  
 YNNFRMFRNTRKRDVTLASRESSKPRAVLKPRRVCVGGKRRRDDISVDSLDFTKKILHTAWHPAENII  
 AIAATNNLYIFQDKVNSDMH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI



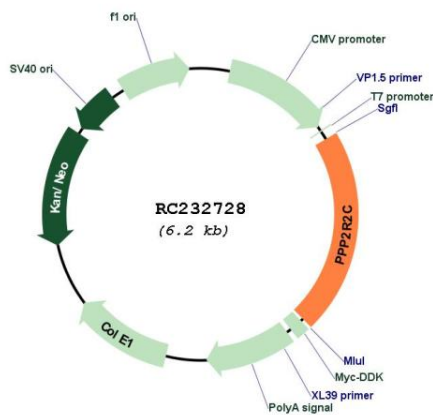
**Protein Families:** Druggable Genome, Phosphatase

**Protein Pathways:** Tight junction

**MW:** 51.1 kDa

**Gene Summary:** The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 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 B55 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RC232728