

Product datasheet for **SC109608**

PPP2R5C (NM_002719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R5C (NM_002719) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R5C
Synonyms:	B56G; B56gamma; PR61G
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_002719, the custom clone sequence may differ by one or more nucleotides

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ATGTTGACATGTAATAAAGCGGGCAGCAGGATGGTGGTGGATGCGGCCAACTCCAATGGGCCTTCCAGC
CCGTGGTCTTCCATATTCGAGATGTTCTCTGCTGATCAAGAGAAGCTTTTATCCAGAAGTTACG
TCAGTGTTCGCTCTTTGACTTTGTTTCTGATCCACTAAGTGACCTAAAGTGGGAAGTAACACGA
GCTGCTTTAAGTGAAATGGTAGAATATATCACCCATAATCGGAATGTGATCACAGAGCCTATTTACCCAG
AAGTAGTCCATATGTTTGCAGTTAACATGTTTTCGAACATTACCACCTTCTCCAATCCTACGGGAGCGGA
ATTTGACCCGGAGGAAGATGAACCAACGTTAGAAGCAGCCTGGCCTCATCTACAGCTTGTATGAATTT
TTCTTAAGATTTTAGAGTCTCCAGATTTCCAACCTAATATAGCGAAGAAATATATTGATCAGAAGTTG
TATTGCAGCTTTAGAGCTTTTACAGTGAAGATCCTCGGGAGAGAGATTTTCTAAAACCACCCTTCA
CAGAATCTATGGGAAATCCTAGGCTTGAGAGCTTACATCAGAAAACAGATAAAATATATTTTATAGG
TTTATTTATGAAACAGAGCATCATAATGGCATAGCAGAGTTACTGGAAATATTGGGAAGTATAATTAATG
GATTTGCCTTACCCTAAAAGAAGAGCACAAGATTTTCTTATTGAAGGTGTTACTACCTTTGCACAAAGT
GAAATCTCTGAGTGTCTACCATCCCAGCTGGCATACTGTGTAGTGCAGTTTTTAGAAAAGGACAGCACC
CTCACGGAACCAAGTGGTGTGGCCTTCTCAAATACTGGCCAAAGACTCACAGTCCAAAAGAAAGTATGT
TCTTAAACGAATTAGAAGAGATTTAGATGTGATTGAACCATCAGAAATTTGTGAAGATCATGGAACCCCT
CTTCCGGCAGTTGGCCAAATGTGTCTCCAGCCCACTTCCAGGTGGCAGAGCGAGCTCTCTATTACTGG
AATAATGAATACATCATGAGTTTAAATCAGTGACAACGCAGCGAAGATTCTGCCATCATGTTTCTTCTCT
TGTACCCAACTCAAAGCCCATTTGAACAAGACAATACATGGCTTGATATACAACGCCCTGAAGCTCTT
CATGGAGATGAACCAAAAGCTATTTGATGACTGTACACAACAGTCAAAGCAGAGAAAACAAAAGAGAAG
CTAAAAATGAAAGAACGGGAAGAAGCATGGGTTAAAATAGAAAATCTAGCCAAAGCCAATCCCAGTACA
CAGTGTATAGTCAAGCCAGCACCATGAGCATTCCGGTTGCAATGGAGACAGATGGGCCTTTATTTGAAGA
TGTGCAGATGCTGAGAAAAGACAGTGAAGGACGAGGCTCATCAGGCACAGAAAGATCCGAAGAAGGCCGT
CCTCTTGACGCGCAAGTCCGAGCTGCCTCAGGACCCCAACCAAGAAAGCCTTGAAGCTCACTGCA
GGGCCGATGAGCTGGCCTCCAGGACGGCCGCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_002719 unedited

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GGCGGCCCGCAATTCGCACGAGGCTTCAGTTTGTCTTTTTTTTTTAACTAAAAGGAG
GCTGGTTTCTTGCCTTAAGGAGCCATTGCCTTTCCCGCTGAAGTCTAGATGTTGACATG
TAATAAAGCGGGCAGCAGGATGGTGGTGGATGCGGCCAACTCCAATGGGCCTTCCAGCC
CGTGGTCTTCTCCATATTCGAGATGTTCTCTGCTGATCAAGAGAAGCTTTTATCCA
GAAGTTACGTAGTGTTCGCTCTTTGACTTTGTTTCTGATCCACTAAGTGACCTAAA
GTGGAAGGAAGTAAAACGAGCTGCTTTAAGTGAAATGGTAGAATATATCACCCATAATCG
GAATGTGATCACAGAGCCTATTTACCCAGAAGTAGTCCATATGTTTGCAGTTAACATGTT
TCGAACATTACCCTTCTCCAATCCTACGGGAGCGGAATTTGACCCGGAGGAAGATGA
ACCAACGTTAGAAGCAGCCTGGCCTCATCTACAGCTTGTATGAATTTTTCTTAAGATT
TTTAGAGTCTCCAGATTTCCAACCTAATATAGCGAAGAAATATATTGTTNCAGAAGTTTG
TATTGCAGCTTTAGAGCTTTTACAGTGAAGATCCTCGGGAGAAGAGATTTTCTTAA
ACCACCTTACAGAACTATNNGGAAATCCTAGGCTTGAGAGCTTACATCAGAAAACA
GATAAATATATATNTNTATAGTTTATTTATGAAACAGAGCATCATAATGGCATAGCAG
AATTACTGGAATATTGGGAAGATAATAAAGGGATTTGCCTTACACTAAAAGAGAGCACA
GATTTCTATTGGGAGGGGTACTACCTTGACAAGTGAATCTTTTGA
    
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Protein Pathways: Oocyte meiosis, Wnt signaling pathway

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]
Transcript Variant: This variant (1) encodes isoform (a), also known as B' alpha 1 and gamma 3.