

Product datasheet for **RC234070**

PPP2R5A (NM_001199756) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R5A (NM_001199756) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R5A
Synonyms:	B56A; B56alpha; PR61A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234070 representing NM_001199756
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATAATGAATGCCACTTCAAATGAACAACAAGAGCTTTTCTGTCAGAAGTTGCAGCAGTGTGTATAC
 TGTTTGATTTTCATGGACTCTGTTTCAGACTTGAAGAGCAAAGAAATTTAAAGAGCAACACTGAATGAAC
 GGTTGAGTATGTTTCAACTAATCGTGGTGAATTTGTTGAATCAGCGTATTCTGATATAGTAAAAATGATC
 AGTGCTAACATCTTCCGTACACTTCTCCAAGTGATAATCCAGATTTTGATCCAGAAGAGGATGAACCCA
 CGCTTGAGGCCTCTTGGCCTCACATACAGTTGGTATATGAATTCTTCTTGAGATTTTGGAGAGCCCTGA
 TTTCCAGCCTAGCATTGCAAAACGATACATTGATCAGAAATTCGTACAACAGCTCCTGGAGCTTTTTGAT
 AGTGAAGATCCCAGAGAAGCTGACTTCTGAAGACTGTTCTGCACCGAATTTATGGGAAATTTCTGGAT
 TAAGAGCATTATCAGAAAAAAATTAACAACATTTTCTCAGGTTTATATGAAACAGAACATTTCAA
 TGGTGTGCTGAACTTCTTGAAATATTAGGAAGTATTATCAATGGCTTTGCATTGCCACTGAAAGCAGAA
 CATAAACAAATTTCTAATGAAGTTCTTATTCTATGCATACTGCAAAAGGATTAGCTTTGTTTCATGCTC
 AGCTAGCATATTGTGTTGTACAGTTCTGGAGAAAGATACAACACTAACAGAGCCAGTGATCAGAGGACT
 GCTGAAATTTTGGCCAAAAACCTGCAGTCAGAAAGAGGTGATGTTTTTAGGAGAAATGAAGAAATCTTA
 GATGTCATTGAACCAACAGATTCAAAAAAATTGAAGAGCCACTTTTCAAGCAGATATCCAAGTGTGAT
 CCAGTTCTCATTTTCAGGTTGCAGAAAGGGCATTGTACTTCTGGAATAACGAATATATTCTTAGTTTGT
 TGAGGAGAACATTGATAAAATTTGCCAATTATGTTTGCCAGTTGTACAAAATTTCAAAGAACACTGG
 AATCCGACCATTGTAGCACTGGTATAAATGTGCTGAAACCCTAATGGAATGAATGGCAAGCTTTTCC
 ATGACCTTACTAGCTCATACAAAGCTGAAAGACAGAGAGAGAAAAAGAAGGAATTGGAACGTGAAGAATT
 ATGGAAAAAATTAGAGGAGCTAAAGCTAAAGAAAGCTCTAGAAAAACAGAATAGTGCTTACAACATGCAC
 AGTATTCTCAGCAATACAAGTCCGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234070 representing NM_001199756
 Red=Cloning site Green=Tags(s)

MIMNATSNEQQELFCQKLQCCILDFMDSVSDLKSKEIKRATLNELVEYVSTNRGVIVESAYSDIVKMI
 SANIFRTLPPSDNPDPDFPEEPTLEASWPHIQLVYEFFLRFLFLESPDFQPSIAKRYIDQKFVQQLLELFD
 SEDPRERDFLKTVLHRIYGKFLGLRAFIRKQINNIFLRFIYETEHFNGVAELLEILGSIINGFALPLKAE
 HKQFLMKVLI PMHTAKGLALFHAQLAYCVVQFLEKDTTLTEPVIRGLLKFWPKTCSQKEVMFLGEIEEIL
 DVIPTQFKKIEEPLFKQISKVSSSHFQVAERALYFWNNEYILSLIEENIDKILPIMFASLYKISKEHW
 NPTIVALVYNVLKTLMEMNGKLFDDL TSSYKAERQREKKELEREELWKKLEELKLLKALEKQNSAYNMH
 SILSNTSAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

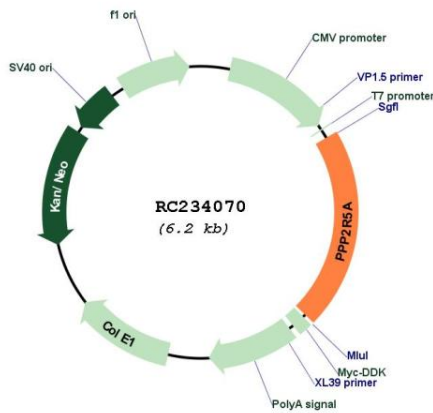
Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Oocyte meiosis, Wnt signaling pathway

MW: 50.7 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 an alpha isoform of the regulatory subunit B56 subfamily. Alternative transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC234070