

Product datasheet for **SC205604**

PPM1G (NM_177983) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PPM1G (NM_177983) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PPM1G
Synonyms: PP2CG; PP2CGAMMA; PPP2CG
ACCN: NM_177983
Insert Size: 430 bp
Insert Sequence: >SC205604 3'UTR clone of NM_177983
The sequence shown below is from the reference sequence of NM_177983. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACAAGAAGAAGAAGCCAAGCGAGACTAGCAGTCATCCAGACCCTGCCACCTAGACTGTTTTCTGA
GCCCTCCGGACCTGAGACTGAGTTTTGTCTTTTCCTTTAGCCTTAGCAGTGGGTATGAGGTGTGCAGG
GGGAGCTGGGTGGCTTCACTCCGCCATTCCAAAGAGGGCTCTCCCTCCACACTGCAGCCGGGAGCCTC
TGCTGTCTTCCAGCCGCTCTGCTCCTCGGGCTCATCACCGGTTCTGTGCCTGTGCTCTGTTGTGTT
GGAGGGAAGGACTGGCGTTCTGGTTTTACTCTGTGAACCTTTATTTAAGGACATTCTTTTTTATTGGC
GGCTCCATGGCCCTCGGCCGCTTGACCCGCTCTGTTGTACACTTTCAATCAACACTTTTTTCAGACT
AAAGGCCAAAACCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_177983.3](#)



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Summary: The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression. [provided by RefSeq, Apr 2010]

Locus ID: 5496

MW: 15.9