

## Product datasheet for **SC205605**

### PPM1G (NM\_002707) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PPM1G (NM\_002707) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PPM1G  
**Synonyms:** MGC1675; MGC2870; PP2CG; PP2CGAMMA; PPP2CG  
**ACCN:** NM\_002707  
**Insert Size:** 447 bp  
**Insert Sequence:** >SC205605 3'UTR clone of NM\_002707

The sequence shown below is from the reference sequence of NM\_002707. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GACAAGAAGAAGAAGCCAAGCGAGACTAGCAGTCATCCAGACCCTGCCACCTAGACTGTTTTCTGA
GCCCTCCGGACCTGAGACTGAGTTTTGTCTTTTCCTTTAGCCTTAGCAGTGGGTATGAGGTGTGCAGG
GGGAGCTGGGTGGCTTCACTCCGCCATTCCAAAGAGGGCTCTCCCTCCACACTGCAGCCGGGAGCCTC
TGCTGTCTTCCAGCCGCTCTGCTCCTCGGGCTCATCACCGGTTCTGTGCCTGTGCTCTGTTGTGTT
GGAGGGAAGGACTGGCGTTCTGGTTTTACTCTGTGAACCTTTATTTAAGGACATTCTTTTTATTGGC
GGCTCCATGGCCCTCGGCCGCTTGACCCGCTCTGTTGTACACTTTCAATCAACACTTTTTTCAGACT
AAAGGCCAAAACCTAATCGTAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_002707.3](#)



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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:** 16.6