

Product datasheet for **SC200417**

PPM1B (NM_001033556) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | PPM1B (NM_001033556) Human 3' UTR Clone |
| Symbol: | PPM1B |
| Synonyms: | PP2C-beta-X; PP2CB; PP2CBETA; PPC2BETAX |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001033556 |
| Insert Size: | 115 bp |
| Insert Sequence: | <p>>SC200417 3'UTR clone of NM_001033556</p> <p>The sequence shown below is from the reference sequence of NM_001033556. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGGGTTGAAGGTAAGACAAATGCTTTTAAAAATATAGACAGGCCAGGCACGGTAGCTCATGCCTGTAA TCCTAGCACTTTTGTGCGCTGGGCGACACACCAAGGCTCTGTCTCA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| 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_001033556.1 |


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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 has been shown to dephosphorylate cyclin-dependent kinases (CDKs), and thus may be involved in cell cycle control. Overexpression of this phosphatase is reported to cause cell-growth arrest or cell death. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional transcript variants have been described, but currently do not represent full-length sequences. [provided by RefSeq, Jul 2008] |
| Locus ID: | 5495 |
| MW: | 4.4 |