

Product datasheet for **SC214842**

PPM1B (NM_001033557) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPM1B (NM_001033557) Human 3' UTR Clone
Symbol:	PPM1B
Synonyms:	PP2C-beta; PP2C-beta-X; PP2CB; PP2CBETA; PPC2BETAX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001033557
Insert Size:	1501 bp



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Insert Sequence: >SC214842 3'UTR clone of NM_001033557
 The sequence shown below is from the reference sequence of NM_001033557. 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
CCACATAGAGAAAGTGATGGGCAGAAAATGATGAAGAAACTGTTCTGATGGCTGCTTTTCTGTCCTTTT
CCTACTGCTTTAAACATTGATTTTCTTTTGTACTAAATCATATAGCCAAATATTGTTAAGTAAGTCAG
TTTTAGGAAATGCTTGTGTTGCTGTTGAATTATAAAAGCTGAGTAAATTTAGATTAAACTTTAAATGA
CTGTGAAATAAGACATAAACTAGTTAATGGTAATTTGCTTAAATGACTTGAGATTATTATTGGAAGTT
TTTATTAATTGATACAGTAAGAATTGATATTTAATAAAATGTTCTCATGCTTAGACTATATTACTTTT
CGGTAGAGAAATTAGTATTTTGTGTAATGTGTTATGAAATACATGTGATATCCTAGTTTGTCTACTGA
CACTGGGTCTTGAATCTTAAAAAAGGCCTCCGATGAAGCAGAGGAAAGTGGATCACAGGGAAAAATTG
GTGGAAGCTCTCAGGCAATGAGAATTAATCATAGGGGAAACTACCGACAACCTTCTGGAGGAGATGCTG
ACTAGTTACAGGCTAGCTAAAGTAGAGGAGAAGAAAGCCCTGCTGAACCAAGCTGCCACAGCTACTTCT
TCGAACAGTGATGCTGGAACCCAGTGACAATGCAGGAAAGCCATACTGAATCAGAAAGTGGTCTTGCT
GAATTAGACAGCTCTAATGAAGATGCAGGGACAAAGATGAGTGGTAAAAAATATGACTTTCCTTTTTG
GTAATATTTTTGTGATCTTTGATGGTTTTAACCTAGGAAGTGAATGTATGCATTTATATAACTGTTT
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ATACACCTTTATGAGATAGTGTAAAATGACTATTTATAGTACTATGGATTTAATGAAATATATGTCA
TTTACATTGATGCCAGAAATTAGGCTACCAATTATGAATTAAGTCAGTAGTTAAATTAATACTAGA
TAGAATTAGAAATTTTGATTAGAGAGATTATGCTATATTATGGAAAACTTGTTAATGTAGAATTATAC
TGCTTCATATTATTTTACCTATTAGTACACTCATAGTTAGCTTTGTAATAAATTTATGTTTTCTTTAAT
AATTTTAGTTCTTCAAAGAAATGGCTGATGCTGGCTGTAATTTTTCTTTCAAGGATGATAATTTGTGTG
TTGTTTGTATTTATATTTTACATCTCTGTAGTTTTATTTTTAGAAGTTGTGAGATATTGGATGTGT
GGCTATTTTTCTTTCTGTATTCTTTATGAAACATAACTTTTTGAAAAACCTATGTATTATTCATACA
GCTTTGGTTTGTATTTCTGTATAGCCTAACTACACACATCAAAATGTATGTCAACCAAGTGTTAGAA
TGAAATTATAAGTGTTTAAGTCCAATAAAGCATGTGATGTGGAATAATCTA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001033557.3](#)

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: 58