

Product datasheet for **SC216830**

PPM1L (NM_139245) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPM1L (NM_139245) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPM1L
Synonyms:	PP2C-epsilon; PP2CE; PPM1-LIKE
ACCN:	NM_139245
Insert Size:	2000 bp



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Insert Sequence: >SC216830 3'UTR clone of NM_139245
 The sequence shown below is from the reference sequence of NM_139245. 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
AGAAATAGCAGCAAAACAGAAGAGCAGTGAACCCTTCAGGGTCTCAGCTGCCTTAGACTAAAGGACTT
TCAACACACTGGTCTCTTTAATTTAGTGAAAAGTGTGGGAGTTGTAATTAGGATCATCCACCCAGAC
ATGGAATCCCCCTCCCTGGTGGTCTTAGGTCTATAATCAGTGACGAACAGAGGGTGCCCTTGCCAAT
GTAGTTAAGAAACTGGAAAATGGTTTCTCATGTTTTCCAACTTTTCATCCAGTGCCAAAATATAT
AAGTAAATAGCTGTAGAGTCACATATATGAAGTGAATAGCATATGTGTCATTTAGTCTCCCTGAAGATT
CTTTTCAAGATCTGTTCAGGGTCTCCAGGCATCAGCTGTTGTGTCCTCTCTTTGTAACAGTGGACAG
GACAGACCACCCAGTGTGCAGGAGACAGGCCACTGCGTCACCTGTGAGTGGTCCAGGGGCTGATGTGGC
AACACCCTCTGCCAAGAGACAGAGCTGTCTGAGAATGCTTTGTCCTTCTGAGCCATGTTTTCTGCTC
AGTAGCAGCTTGAAGCAGATTTGGAATGGTTACTATTTTGGCTGCTCTTGGGGACTGCCAGAAGCAG
AGAGAATGAGAGACCAGTGGCAACTGCCTGCACAGCAGAGATAACCCTCTTCCCTTGCTTCTTTAATA
GTTAAATAGACTTTGTATACCACCTGACCAGCCTTTGTGCATTTATCCTAATCATGCATGACCGTTAAC
CTTTTGCTTAGTCCTTACCATATGTAATAGGCAGCTGTTAAATTCACCAACAGATACCCTGATTTTTCA
TCTTACGTGACCAAGAAACCACGTTAGGGGAAATGAAAAAGCAAGCCACAATACCATGATTCCTCCA
TTTTCAACAGTAGATGAAGGAAATGATACTGAATGAGTCACAGTGTCCCTGGCAAGTAAAGCTGTTTGC
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TCCTTGCCCTTTTCCAAGTGGTTTTCAAGTGTGAGGAGTCTGAGGAGTGTCTGAGAAGCAGCAGCCTATAACTGTA
TGTGTGTTTCCCTTGAAGCCAGGTGCAGAGTTCCAGCTACTGCAGCTTGGGATTTGGTGGGAAACTACTG
GGATAAGCTTCTCCTTGACAATGAAAGGCAGCAGTCTTCAACATTTGGTTGCAAATCTCCATCCACAT
CAGGGAGCTTTCCCAGGCAAATACAAACCGCCCGTGGCCTGCAGGCCTGCAGGGGAGGCAGCAAAGG
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TTTTATATATTTAGAGAAAATGCTGGTCACTCTTTTGCTAAGGTGACTCAAACAGCCAAACGAAA
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GTAGAGTTTTCCAAAGCAGTGTCCAGGAGAGAAATTTGAGAGAGTGAAGAAATTGCCTTGTAGATGTGG
AGGGCTGCAATCTGTCTTGATTTCTCAAGCACTTAACCTTTCTTTGACTGCACTGAGAATTGCTAATGA
TTTCCCATGAGATTTGCTTACTTTTGTATACTGTATTTTCCAGCATTACAGAACCCTTGGTTATTGTTTT
TTAGCCATAGAATCTTCTAGTAAAAATATCTGCCACATTTTAGATTTAAGCATTTGCCTATGGGGAG
ACACTGAATATGTGGATGTGTATTAATTTGGGGTGGGGACAGGGAAGGGAATGTGGAAAACAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_139245.4](#)

Summary:

The protein encoded by this gene is a magnesium or manganese-requiring phosphatase that is involved in several signaling pathways. The encoded protein downregulates apoptosis signal-regulating kinase 1, a protein that initiates a signaling cascade that leads to apoptosis when cells are subjected to cytotoxic stresses. This protein also is an endoplasmic reticulum transmembrane protein that helps regulate ceramide transport from the endoplasmic reticulum to the Golgi apparatus. Finally, this gene may be involved in adiposity since it is upregulated in adipose tissues. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]

Locus ID:

151742

MW:

74.5