

Product datasheet for **SC128066**

PPM1J (NM_005167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPM1J (NM_005167) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPM1J
Synonyms:	PP2C-zeta; PP2CZ; PP2Czeta; PPP2CZ
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005167 edited
 GGCGGGGAGGGAGGCAGCATGCTAAACCGGTGCGCTCGGCCGTGGCGACCTGGTGGAG
 CTCCGGGGGGCGCTCCGCCTCCGCGCCCCAAATCCCCGGACCTGCCAACGCCCTCGGC
 GCCGCCCGCCCGCTCCAGAAGCGCCAGGAGCCCTCCGCGAAGGCTGGGAGCGGGAG
 CGCGACGCCCGGAAGGCTGTTGAGGCTCGAGCGAGCTTCTCCAGACCGACCTTTCTGCA
 GCTGAGCCCCGGGGGCTGCGACGCGCCGATGACCACGCGGGCCGGGCTGTCAAAGCCC
 CCGGACACGGGCCCGCTGCCCTGGAGCACAGGCTACGCCGAGGTCATCAATGCTGG
 CAAGAGTCGGACAATGAGGACCAGGCTTGTGTGAAGTGGTGTATGTGAAGGTCGGAG
 GAGTGTTACAGGAGTACCTAGGGAGCCTAGCCGAGGCCAGGGACTCTGCTTCTACTACTG
 GGGCCTATTTGATGGGCATGCAGGGGGCGGAGCTGCTGAAATGGCCTCACGGCTCCTGCA
 TCGCCATATCCGAGAGCAGCTAAAGGACCTGGTAGAGATACTTCAGGACCCCTTCGCCACC
 ACCCCTCTGCCTCCAACCACTCCGGGGACCCAGATTCTCCGATCCCTCTCACTTGCT
 TGGCCCTCAGTCTGCTGGTCTTACAGAAGGAAGTGAGCCACGAGAGCCTGGTAGTGGG
 GGCCATTGAGAATGCCTCCAGCTCATGGATGAGCAGATGGCCCGGAGCGGGCTGGCCA
 CCAAGTGGAGGGGGCTGCTGTGCACTGGTTGTGATCTACTGCTAGGCAAGGTGTACGT
 GGCAATGCAGGGGATAGCAGGGCCATCATTGTCCGGAATGGTGAATCATTCCAATGTC
 CCGGGAGTTTACCCCGGAGACTGAGCGCCAGCGTCTTCAGCTGCTTGGCTTCTGAAACC
 AGAGCTGCTAGGCAGTGAATCACCCACCTTGAGTTCCCCCGCAGAGTTCTGCCAAGGA
 GCTGGGGCAGAGGATGTTGTACCGGGACCAACAATGACCGGCTGGGCCTACAAAAGAT
 CGAGCTGGAGGATCTCAGGTTTCTCTGGTCTGTGGGGAGGGCAAAAAGGCTCGGGTGT
 GGCCACCATGGGGTACCCGAGGCTTGGGAGACCACAGCCTTAAGGTCTGCAGTCCAC
 CTTGCCATCAAGCCCTTCTCTCTGCTTCCCTGAGGTACGAGTGTATGACCTGACACA
 ATATGACACTGCCAGATGATGTGCTAGTCTGGGAACAGATGGCCTGTGGGATGTAC
 TACTGACTGTGAGGTAGCTGCCACTGTGGACAGGGTGTGTGCGCCTATGAGCCTAATGA
 CCACAGCAGGTATACAGCTCTGGCCCAAGCTCTGGTCTGGGGGCCCGGGTACCCCCCG
 AGACCGTGGTGGCGTCTCCCCAACAACAAGCTGGGTTCCGGGGATGACATCTCTGTCTT
 CGTCATCCCCCTGGGAGGGCCAGGCAGTTACTCCTGAGGGGTGAACACCATCCCTCCCA
 CTAGCCTCTCCATACTTACTCTCTCACAGCCCAAATTCTGAAGTTGTCTCCCTGACCCT
 TCTTTAGTGGCAACTTAACTGAAGAAGGGATGTCCGCTATATCCAAAATTACAGTATTG
 GCAAATAAACGAGATGGATAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005167 unedited
 GAGTCAGATTTGTATACGACTACTATAGGCGGCCGGAATCANATCTGGTACCGGTCCG
 GAATCCCCGGGATGGCGGGGAGGGAGGCAGCATGCTAAACCGGTGCGCTCGGCCGTGG
 CGCACCTGGTGGCTCCGGGGCGCTCCGCCTCCGCGCCCCAAATCCCCGGACCTGCCCA
 ACGCCGCTCGGCGCCGCGCCGCGCTCCAGAAGCGCCAGGAGCCCTCCCGGAAGG
 CTGGGAGCGGGAGCGCGACGCCCGGAAGGCTGTTGAGGCTCGAGCGAGCTTCTCCAGAC
 CGACCTTTCTGCAGCTGAGCCCCGGGGGCTGCGACGCGCGATGACCACGCGGGCCGGG
 CTGTGCAAAGCCCCGGACACGGGCCGCGCCTGCCCTGGAGCACAGGCTACGCCGAGG
 TCATCAATGCAGGCAAGAGTCGGCACAATGAGGACCAGGCTTGTGTGAAGTGGTGTATG
 TGAAGGTCGGAGGAGTGTACAGGAGTACCTAGGAGCCTAGCCGAGGCCAGGGACTCT
 GCTTCTACTACTGGGCCTATTTGATGGGCATGCAGGGGGCGGAGCTGCTGAAATGGCCT
 CACGGCTCCTGCATCGCCATATCCGAGAGCAGCTAAAGGACCTGGTAGAGATACTTCAGG
 ACCCTTCGCCACCACCCCTCTGCCTCCCAACACTCCGGGGACCCAGATTCTCCGATCC
 CTCTCACTTGCTTGGCCCTCAGTCTGTGGTCTTACAGAAGGGAGTGACCCACGAGAG
 CCTGGTAGTGGGGCCATTGAGAATGCCCTTACGCTCATGGATGAACAAATGGCCCGGGA
 GCGGCGTGCCACCAGTGAAGGGGGCTGCTGTGCACTGGTTC

Restriction Sites: Please inquire
ACCN: NM_005167

Insert Size:	1800 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_005167.5.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_005167.5</u> , <u>NP_005158.5</u>
RefSeq Size:	1762 bp
RefSeq ORF:	1518 bp
Locus ID:	333926
UniProt ID:	<u>Q5JR12</u>
Cytogenetics:	1p13.2
Domains:	PP2C
Protein Families:	Phosphatase
Gene Summary:	This gene encodes the serine/threonine protein phosphatase. The mouse homolog of this gene apparently belongs to the protein phosphatase 2C family of genes. The exact function of this gene is not yet known. [provided by RefSeq, Jul 2008]