

Product datasheet for SC120762

PPM1M (NM_144641) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPM1M (NM_144641) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPM1M
Synonyms:	PP2C-eta; PP2CE; PP2Ceta
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_144641, the custom clone sequence may differ by one or more nucleotides

```

ATGTCCGCCGGCTGGTTCCGGCCGCTTCTGCCTGGGAGCCGCTCCCCGCGCCGGCCGCTGGGC
CGCATGCCAGCCCCGTGCCCTACCGACGGCCCCGCTTCTTCGCGGCTCCAGCTCCAGCCCCGGGCGGC
CGACGCCCTCGCGCCGCCAGACTCCCGGCCGTGCGCAGCCCCGACGAGGACGCACGCTACCCTGGAAT
GCAGGCTACGCCGAGATTATCAATGCAGAGAAATCTGAATTCAATGAGGATCAAGCCGCTGTGGGAAGC
TGTGCATCCGGAGATGTGAGTTTGGGGCTGAAGAAGAGTGGCTGACCCTGTGCCAGAGGAGTTCCTGAC
AGGCCATTACTGGGCACTGTTTCGATGGGCACGGCGGTCTGCAGCAGCCATCTTGCTGCCAACACCCCTG
CACTCCTGCTTGGCCCGCAGCTGGAGGCCGTGGTGAAGGCTTGGTGGCCACTCAGCCCCCATGCACC
TCAATGGCCGCTGCATCTGCCCCAGTGACCCTCAGTTTGTGGAGGAAAAGGCATCAGGGCAGAAGACTT
GGTGATCGGGGCAATTGGAGAGTGCTTTTCAGGAATGTGATGAGGTGATCGGGCGGGAGCTGGAGGCCTCA
GGCCAGATGGGCGGCTGCACAGCCCTGGTGGCTGTGTCCCTGCAGGGAAAAGCTGTACATGGCCAATGCTG
GGGATAGCAGGGCCATCTTGGTGGGAGAGATGAGATACGGCCACTGAGCTTCGAGTTACCCCCAGAGAC
TGAGCGGCAGCGGATCCAGCAGCTGGCCTTTGTCTATCCTGAGCTTCTGGCTGGTGGTTCACCCGACTG
GAGTTCCTCGGCGGCTGAAGGGGGATGACTTGGGACAGAAGTTTTTGTTCAGGGATCACCACATGAGTG
GCTGGAGCTACAAACGTGTGGAGAAATCGGATCTCAAGTACCCACTGATCCATGGACAGGGTAGGCAGGC
TCGGTTACTAGGAACACTGGCTGTCTCCCGGGCCTGGGAGACCATCAGCTCAGAGTCTGGACACAAAC
ATCCAGCTCAAGCCCTTCTGTCTGTGCCACAGGTGACTGTGCTGGATGTGGACCAGCTGGAGCTAC
AGGAGGATGATGTGGTTGTCATGGCAACTGATGGACTCTGGGATGTACTGTCCAACGAGCAGGTGGCATG
GCTGGTGGGAGCTTCTCCCTGGGAACCAAGAGGACCCACACAGTTCTCAAAGCTGGCCAGATGCTG
ATACACAGCACACAGGAAAGGAAGACAGTCTCACAGAGGAAGGGCAGGTGCTCTACGATGACGCTCTCTG
TGTTCTGATTCCCTTGACAGCTCAGGGCCAAGAGAGCAGTGACCACTGA

```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_144641 unedited GTTTAAATTTTGTAAACGACTTCACTATAGGGCGGCCGGAATTCGCACCAGNACAGGC CATTACTGGGCACTGTTTCGATGGGCACGGCGGTCTGCAGCAGCCATCTTGGCTGCCAAC ACCCTGCACTCCTGCTTGCGCCGACAGCTGGAGGCCGTGGTGAAGGCTTGGTGGCCACT CAGCCCCCATGCACCTCAATGGCCGCTGCATCTGCCCAAGTACCCCTCAGTTTGTGGAG GAAAAGGGCATCAGGGCAGAAGACTTGGTGATCGGGGCATTGGAGAGTGCCTTTCAGGAA TGTGATGAGGTGATCGGGCGGGAGCTGGAGGCCCTCAGGCCAGATGGGCGGCTGCACAGCC CTGGTGGCTGTGTCCCTGCAGGGAAAGCTGTACATGGCCAATGCTGGGGATAGCAGGGCC ATCTTGGTGGGAGAGATGAGATACGGCCACTGAGCTTCGAGTTCACCCAGAGACTGAG CGGCAGCGGATCCAGCAGCTGGCCTTTGTCTATCCTGAGCTTCTGGCTGGTGAAGTTCACC CGACTGGAGTTCCTCGGCGGCTGAAGGGGGATGACTTGGGACAGAAGGTTTTGTTCAGG GATCACCACATGAGTGGCTGGAGCTACAAACGTGTGGAGAAATCGGATCTCAAGTACCCA CTGATCCATGGACAGGTAGGCAGGCTCGGTTACTAGGAACACTGGCTGTCTCCCGGNGC CTGGGAGACCATCAGCTCAGAGTCTGGACACAAACATCCAGCTCAAGCCCTTCTTGCTC TCTGTGCCACAGGTGACTGTGCTGGATGTGGACCAGCTGGNNAGCTACAGAGATGATGTG GTTGTGATGGCAACTGATGGACTCTGGGATGTACTGTCCACCCAGCAGTGCATGGCTGGT GCGGAGCTTCTCCTGGAACCAAGAGACCACACAGTNTCTAAAGCTGGCCAGAGCTGAAC CCGCCA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_144641 unedited NGTCCATTATGNACGCGGCCGAATCTANGATCGGTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTCTGTAAAAAACATTTAATAATAGGGAGGTGACAGGGAAAAACAAAGCAAGGGCAGT GTTGGGGCATCAGACCAGGGCAGGGCTGGAAGTGGGAGAAAGCAACCAGTTAAGAGGCAG GCTACTACAGGTAGCAAATGGAGAGCCCTCTACCCAGCCAACCTCAAGAGTTCCCTCTTG TCCTTGTGCTCTACCCAAACTTTAGCCCCAGCACCTGTTCTCATCTCCAGCAAAGAA CAGCAGGGCAGGACCTGAACTGGTCTCTTTTCAGGGGCTGTCTTGAAGATGGCTGTTTTA GCAGACATGAGGCTGCCAAAGTTTTCTACAAGCCACCTGCGTGGACTTTGGGGTGTGTT GAACACATGCCCTGATAACCATGAATTGGAGACCTGGATCTAAACATGGGCTAGTACCC ATCCTGGCATCTTTGGCTAATACCCTTAGCTTGGTGCCCTATCTGAGAATGATACTTT GGGCTGTTCAAGATCCTGTCTGAGGAGCCTCACATGGGTTTCTAGTTAAGTTGTAAGT CACTCTGCCAGAGAAGTTATCACCGCAAAGGCAGGACCTGGTGGGCTGGGCTCTCCAT ACACTTCCAGCTCTGACTGCCTGGTATAAATGTTCTCTTGAGATGGATGTGTGTTGAGG TGGATAGTGAGAGCACTGGGCGGTGGCTAGGGATAGGGCAGGCAGGATTTGCTCTTGGA CACTGGAGGGATGCCAGACCACACCCCGCACTANAGCAGTTCTGGATACAGTGGCTGA ATCCTCAGTGGTCACTGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_144641
Insert Size:	1850 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).
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:

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: [NM_144641.1](#), [NP_653242.1](#)

RefSeq Size: 2211 bp

RefSeq ORF: 2211 bp

Locus ID: 132160

UniProt ID: [Q96MI6](#)

Cytogenetics: 3p21.2

Domains: PP2C

Protein Families: Druggable Genome, Phosphatase