

Product datasheet for **SC327782**

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC327782 representing NM_144641.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGCCGGCTGGTTCCGGCCCGCTTCCTGCCTGGGGAGCCGCTCCCCGCGCCGCGGCCCTGGG
CCGATGCCAGCCCCGTGCCCTACCGACGGCCCCGCTTCCTTCGGGCTCCAGCTCCAGCCCCGGGGCG
GCCGACGCCTCGCGCCGCCAGACTCCCCGCCGTGCGCAGCCCCGCACGAGGACGCACGCTACCCCTGG
AATGCAGGCTACGCCGAGATTATCAATGCAGAGAAATCTGAATCAATGAGGATCAAGCCGCTGTGGG
AAGCTGTGCATCCGGAGATGTGAGTTTGGGGCTGAAGAAGAGTGGCTGACCCTGTGCCAGAGGAGTTC
CTGACAGGCCATTACTGGCACTGTTTCGATGGGCACGGCGGTCTGCAGCAGCCATCTTGCTGCCAAC
ACCCTGCACTCCTGCTTGCGCCGCGAGCTGGAGGCCGTGGTGAAGGCTTGGTGGCCACTCAGCCCCC
ATGCACCTCAATGGCCGCTGCATCTGCCCCAGTGACCCTCAGTTTGTGGAGGAAAAGGCATCAGGGCA
GAAGACTTGGTATCGGGCATTGGAGAGTGCCTTTCAGGAATGTGATGAGGTGATCGGGCGGGAGCTG
GAGGCCTCAGGCCAGATGGCGGCTGCACAGCCCTGGTGGCTGTGTCCCTGCAGGAAAGCTGTACATG
GCCAATGCTGGGGATAGCAGGGCCATCTTGGTGGGAGAGATGAGATACGGCCACTGAGCTTCGAGTTC
ACCCAGAGACTGAGCGGCAGCGGATCCAGCAGCTGGCCTTGTCTATCCTGAGCTTCTGGCTGGTGGG
TTCACCCGACTGGAGTTCCTCGGCCGGTGAAGGGGGATGACTTGGGACAGAAGTTTTGTTTCAGGGAT
CACCACATGAGTGGCTGGAGCTACAAACGTGTGGAGAAATCGGATCTCAAGTACCCACTGATCCATGGA
CAGGGTAGGCAGGCTCGGTTACTAGGAACACTGGCTGTCTCCCGGGCCCTGGGAGACCATCAGCTCAGA
GTCCTGGACACAAACATCCAGCTCAAGCCCTTCTTGCTCTGTGCCACAGGTGACTGTGCTGGATGTG
GACCAGCTGGAGTACAGGAGGATGATGTGTTGTCATGGCAACTGATGGACTCTGGGATGTACTGTCC
AACGAGCAGGTGGCATGGCTGGTGGCGGAGCTTCCCTCCCTGGGAACCAAGAGGACCCACAGGTTCTCA
AAGCTGGGCCAGATGCTGATACACAGCACAGGGAAAGGAAGACAGTCTCACAGAGGAAGGGCAGGTG
TCCTACGATGACGTCTCTGTGTTCTGATTCCCTTGCACAGTCAGGGCCAAGAGAGCAGTGACCAC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul

ACCN: NM_144641

Insert Size: 1380 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_144641.3](#)

RefSeq Size: 2211 bp

RefSeq ORF: 1380 bp

Locus ID: 132160

UniProt ID: [Q96MI6](#)

Cytogenetics: 3p21.2

Domains: PP2C

Protein Families: Druggable Genome, Phosphatase

MW: 51.1 kDa