

Product datasheet for **MC200690**

Ppme1 (NM_028292) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppme1 (NM_028292) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppme1
Synonyms:	1110069N17Rik; 2700017M01Rik; PME-1; Pme1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014867 sequence for NM_028292
 CTGTGACCGGTTGTA CTGACGATCGTGGGACGGACCTTGGGCCACTGTTGTCGACGTGCGGCCTCCCT
 TTGATGTCGGCCCTTGAAAAAGCATGCACCTCGGCCGCCTACCTTCTCGCCCTCCTCTACCCGGCAGCG
 GGGGCAGTCAGAGCGGAGCAAGATGCGGATGGGCCCTGGACGGAAGCGGGACTTACCCCTGTCCCATG
 GAGTCAGTACTTTGAGTCAATGGAAGATGTGGAAGTGGAGAATGAAACTGGCAAGGATACTTTTCGAGTT
 TACAAGAGTGGTCTGAGGGTCCAGTCTGTGCTGCTTTCATGGAGGAGGCCATTCCGCCCTTTCCTGGG
 CAGTGTTACGGCAGCAATCATCAGTAGAGTACAGTGTAGGATTGTGGCTCTGGATCTGCGAGGTCACGG
 AGAAACTAAAGTCAAGAATTCTGAAGACCTGTCAGCAGAAAACAATGGCAAAAGATGTTGGCAATGTGGTG
 GAAGCCATGTATGGAGACCTCCCTCCTCCAGTCATGCTGATTGGGCACAGCATGGGTGGGCCATTGCGAG
 TGCACACAGCCGAGCTAACCTGGTACCAAGCCTCTTGGGCCCTTGCATGATTGATGTTGTAGAAGGTAC
 CGCCATGGATGCACTTAATAGCATGCAGAAATTTCTTGGCTGGTCGACCTAAAACCTTCAAGTCTTTGGAG
 AATGCTATTGAATGGAGTGTGAAGAGTGGCCAGATTCGAAACCTTGAGTCTGCCCGTGTATCCATGGTGC
 GCCAAGTCAAACAGTGTGAAGGAATTACAAGTCCAGAAGGTTCCAAATCCATAGTGAAGGAATCATAGA
 GGAGGAGGAAGAAGATGAGGAAGGAAGTGAAGTCAAGTAAACAAGAGGAAAAAGGAAGACGACATGGAACCC
 AAGAAGGATCACCCATACACCTGGAGAATTGAGCTGGCAAAAACAGAAAAGTACTGGGATGGCTGGTTCC
 GGGGCTTATCCAATCTCTTTCTTAGCTGTCTTCTTCTAAACTGTGCTCTTGGCAGGTGTTGACAGATT
 GGATAAGATCTGACCATAGGCCAGATGCAGGGGAAGTTCAGATGCAGGTCTTACCCAGTGTGGCCAT
 GCAGTCCATGAGGATGCCCTGACAAGGTAGCTGAAGCTGTTGCCACTTTCCTGATCCGGCACAGGTTTG
 CAGAGCCCATGGAGGATTCCAGTGTGTGTTTCTGGCTGCTAGTGACCTGCTGTCTACTCCTCCCTCTA
 CATTGAGCTCTGTTGAAATACATCGCACCAGAGGCCACTGTGACGCCGCTGTCTCCTCCTCCTCCATCCC
 GCCCAGCCATGTGACACCGGCTCTTGTAGAGGGCATCCCAGATGTCCAAACCTTTCCTGTGTACTGTT
 GAAAGCATTGTTCTTTCAGGGCCCTTGTCCAACAGTGGCCCGTGCAGTCTGGGGTCCACAGCTCTTCTCT
 CTTTCTGTGCTCCCTGCCTTGCCTAGGATGAAGCCTCCAGCCTGCTCCCTGGCCCTGTTCTGGCATA
 TGGCAATGTACCCAGGCTCAGGGATCTCCCTTCTTGGAGATGTTCTTGGCATGGTCTGCCCTACCTC
 ATGGGATGGGCAATGCACACACTGGCCCTTATTTTTCCCTTTCAAATAAAACACCAAGTCAAGTACCTTTA
 TCCAGTCTTAACTGTCCAAATCTGGAAGGTCCAGAGTAAGCAGGATTCAGGGAGAGGGAGTGGATAGC
 AAGTATCCCAAGAAACCAACCTGTAAGTCAAGTCCAGCCAGTCCAAGCACATGGCTTCCCATCTGGGTGA
 GCCCACTGTCCACTCCACATGTCTGGGCACCTGCCCTGGGCTGAGGCCAGGCTGCTCCAAGGGCCGCA
 TGAGCCCTAATCTGCCACAGAGCAACCCAGGTTAAACACAGCCCATGCACAAAGCCACAGGCTAAATCCT
 GTGGAATTGTTTTAATGACTGAATTTAACCATTTTCATAGTTGGTTCCTGGAGGTGTGCCAAGTGCCCG
 CTTGCCTCTTCTAGACCCACAGCTTCTTGATCCACTTGTGGTTTCCATGTCACTAATGTAGAACATCAT
 GGACTAGCATCCCAGTCTTTGCCCTATCCAGCTGTCCGAGTGCAGCACTGGGGCTCCCCTGCTGCC
 CATGGGGGGGGGGGGTGGGCAGCCTCCTGAAACCCATCTTTCTGTGACTGTCTTAGGTGACGTGTAGCCC
 TCTTCCATTTTTTACCCAAACAACCTTCTCTGTCTGCTGCACGGTCCAGAGTCTGGGACCGACTTTGTT
 TCTTTGTTATTTATGATCTTGTTTAAAGAAAATAAATATCTCCAACCTTTAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028292
- Insert Size:** 1161 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: [BC014867](#), [AAH14867](#)

RefSeq Size: 2376 bp

RefSeq ORF: 1161 bp

Locus ID: 72590

UniProt ID: [Q8BVQ5](#)

Cytogenetics: 7 E2

Gene Summary: Demethylates proteins that have been reversibly carboxymethylated. Demethylates PPP2CB (in vitro) and PPP2CA. Binding to PPP2CA displaces the manganese ion and inactivates the enzyme (By similarity).[UniProtKB/Swiss-Prot Function]