

## Product datasheet for **RN215262**

### **Ppm1e (NM\_198773) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ppm1e (NM_198773) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN215262 representing NM\_198773  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGGCTGCATCCCTGAGGAGAAAACCTACCGCGCTTCCTGGAGCTGTTCTGGGCGAGTTCGCGG  
 GACCGTGCGGCGCGCGGAGCCAGAGCCCCGAACCCGAATCCGAGCCCAGCCCGAGCCCGAAGCGGAGCT  
 GGTTCGGGCTGAGGCGCGGAGGCTTCGGGGGAGGACCCGGGGGAGGACGCTGCGACGGTAGAGGCGGCC  
 GAGGAGGGGGTGCAGGACCAAGACCCGAGCCGAAGAGGAGGCGGTGGAAGAGGAGGCGCGCGCCGAGG  
 GCGAGGAGGAGGAGGAAGAGGAGGAAGCGGCTGCCCGGGGCACTCGGCCGTGCCCGCCGAGCCCCA  
 GCTGCCCGCTGCCCGCTCCCGCGGCCGTGTCGAGCGCATCACCCGAGAGGAGGTGGAGGGCGAG  
 AGCCTGGACCTGTGCCTGCAGCAGCTCTACAAATAAAGTCCCTTCTTCTGGCTGCCGCTTTAGCCA  
 GAGCCACATCAGATGAAGTCTCCAGAGTGACCTTTCTGCTCACTGTATCCCAAAGGAGACGGACGGCAC  
 AGAAGGGACTGTGAAATTGAGACAGTGAATTAGCCCGTCTGTCTTCAGCAAACCTACACGAGATTTGC  
 TGCAATTGGGTGAAGACTTCCCTCTACGAGGAGGCCACAGATTTATTATGAGAGCTCAATCCATGCCA  
 TCAAGAACATGCCAAGGAAAATGGAGGACAAACATGTCTGCATCCCTGACTTTAACATGCTCTTCAACCT  
 AGAGGACCAGGAGGAACAAGCATACTTTGCAGTGTGATGGCCATGGGGGAGTGGATGCTGCTATATAT  
 GCCTCGTTACCTACACGTTAACTTAGTGCGCCAGGAGATGTTCCCATGACCCTGCTGAGGCTCTCT  
 GCCGGGCTTCCGTGTACAGATGAGCGGTTGTGAGAGGAGCCAGGAGAGTTTACGATGTGGGAC  
 CACAGGAGTAGTACTTTATCAGAGGCAACATGCTCCATGTGGCATGGGTGGGCGACTCCCAGGTCATG  
 CTGGTAAGAAAGGGCCAAGCTGTTGAACATGAAGCCTACAAGCCAGACAGAGAGGATGAAAAGCAGC  
 GAATTGAGGCCCTTGGAGGTTGTGGTTGGTTGGTTCGCTGGAGGGTGAATGGAAGCCTGCTCCGCTC  
 CAGAGCCATCGGAGATGCTGAACACAAGCCATATATCTGTGGAGATGCAGATTCTGCCTCCACTGTTCTG  
 GATGGGACTGAAGACTACCTCATTCTGGCCTGTGATGGCTTCTATGATACCGTGAACCCTGATGAGGCG  
 TGAAGGTTGTGTCTGACCACTTGAAGAGAATAATGGAGACAGCAGCATGGTTGCCACAAATAGTAGC  
 ATCAGCTCGTGTGCGGGTCAAGTATAACATCACTGTTATTGTGGTATTCCTGAGGGACATGAACAAA  
 GCTGTAATGTTAGTGAGGAATCAGATTGGACAGAGAATCTTTCAAGGAGGCAAGAAGATGGTGGG  
 ATGATAAGGAGAATCATGGAGAGTGCAACGCCCTTGGCCACAGCACCAGTGCTCAGCACCAGCCGATCT  
 AGGCTATGAGGGCGTGTGGATTCACTCACTGATAGAAGTACCTGAGCCAGGGCCCAATCAACGTG  
 CTGGAAGATCCAGACTACTTAGATCTCACAAAATAGAAAACAAGCAAACCTCACAGTACCAATTTTTGC  
 CACCAGTTGAGATGATTGGTCTGGTGCACAAAGAAAGCATATGTTAATGAGCTAATAATGGAGGAGAG  
 CTCAGTACGCCATCACAGCCTGAACGGAGTGGTCTGGAGAGCTTCTGGTTTCTTTAATTTGGTTCA  
 ACAGGGCAACAGATATGCAGAATGGAGAATTTGCCCTGTCTATTCTGGGTTGGAAAATGAACAGTTCA  
 AATCCCGGGGAAAAGAGCGTCTAGATTGATCATTTACGCCACCACTACTCCAAAAGGCAGCGTGGATT  
 CAGGTTAATCCAAAGTTTTATTCATTTTTCTGCTCAAGAGTCTTCTCGAAAATAGGCATTAGCCTC  
 TCCTCACTTACTCGAAGTGGGAAGAGAAAACAAGATGTTAAGAAGTCTTTGCCATGGAGGGAAAATAGTT  
 GGAAGGATATAGTGAAAACATGGCGATCAGAAAGCGTAATAATTTTCATGCCAGACCTTCCCTGGGA  
 CTATAAAATTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_198773

**Insert Size:** 2253 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_198773.1</a></u> , <u><a href="#">NP_942068.1</a></u>
<b>RefSeq Size:</b>	2743 bp
<b>RefSeq ORF:</b>	2253 bp
<b>Locus ID:</b>	360593
<b>UniProt ID:</b>	<u><a href="#">Q80Z30</a></u>
<b>Cytogenetics:</b>	10q26
<b>Gene Summary:</b>	serine/threonine phosphatase; deactivates the activated multifunctional CaM kinases [RGD, Feb 2006]