

Product datasheet for RN206175

Ppm1k (NM_001107863) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppm1k (NM_001107863) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppm1k
Synonyms: RGD1308501
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206175 representing NM_001107863
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTATCAACGGCCTTCATTACTTTGGTGAAGTGGTAGGAACCAGGTGAAGAAGAGAGTGTGTTAA
 GCTCCATCCTCCTGCAGGACCACAGACAGATGACTCCTGCCTGCTACTGCTCCATTTCCGAGCCCAGGTG
 TTCTCGGTTTGATCCGGACGGAAGTGGGCAGCCAGCCACTTGGGACAATTTGGGATCTGGGATAACCGC
 ATTGATGAGCCAATTCTGTTGCCACCTAGCATCAAGTATGGCAAGCCAATTCCTCCAAAATTAGCCTGGAGA
 ACGTGGGCTGTGCCTCCCTCATTGGCAAACGAAAAGAAAACGAAGATCGATTTGGGTTCCGACAGTTGAC
 AGAAGAGGTGCTATACTTTGCAGTCTATGATGGGCATGGAGGCCCTGCAGCTGCTGACTTCTGTACACA
 CACATGGAAAAATGTGTTACGGATTTGCTTCTCGGGAGAAAAGACTTGGAACTGTCTGACCTTGGCCT
 TTCTAGAAATAGATAAAGCCTTTTCAAGTTATGCCACCTGTCTGCTGATGCAAGCCTCTGACCTCTGG
 GACTACTGCAACAGTAGCCCTGTTGAGAGATGGTGTGAAGTGGTGGTAGCCAGTGTGGAGACAGCCGG
 GCTCTTTTGTGTAGAAAAGGCAAACCATGAAGCTGACCACTGACCATACCCAGAGAGAAAAGATGAGA
 AAGAAAGGATCAAGAAATGCGGTGGTGTGTAGCTTGAATAGCCTGGGACAGCCCAATGTAATGGCAG
 ACTTGCATGACAAGGAGTATTGGAGATTTGGATCTTAAAGCCAGTGGTGTAAATAGCAGAACCTGAGACA
 ACCAGGATTAAGCTCTACCACGCTGACGACAGTTTCTGGTCTCACCACCGACGGGATTAACCTCATGG
 TGAATAGTCAAGAGATCTGCGACTTTGTCAACCAAGTGCCACGATCCTAAAGAAGCAGCTCATGCTGTGAC
 TGAGCAGGCAATTCAGTACGGTACTGAAGACAACAGCACTGCCGTAGTAGTGCCTTTGGTGCCTGGGGA
 AAATAAGAAGCTCTGAGATAACCTTCTCATTACGAGAAGCTTTGCCTCCAGCGGGCGATGGGCTGA

ACGGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107863



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Insert Size:	1119 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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_001107863.1</u> , <u>NP_001101333.1</u>
RefSeq Size:	2624 bp
RefSeq ORF:	1119 bp
Locus ID:	312381
Cytogenetics:	4q24