

Product datasheet for **RN206345**

Pmpca (NM_001003673) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pmpca (NM_001003673) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pmpca
Synonyms:	MGC93916
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206345 representing NM_001003673
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACGGCAGTGTGGCGGCTGCGCGGCTACTTCGGGTTCTGCGGCGCTGTGCGCGGCCCAAGT
 TCGGTTCTCCTGCACACAGACGGTTCAGCAGTGGCGCCACCTACCCCAACATCCCTCTCTTCCCTT
 GCCCGGAGTGCCCAAGCCTATTTTTGCTACAGTTGATGGACAGGAAAAGTTTGAACCAAGTCACCACT
 CTGGACAATGGGCTTCGTGTGGCATCTCAAATAAGTTTGGACAGTTCTGTACCTTAGGAATTTTATTA
 ATTCAGGATCACGATATGAAGCGAAATATCTTAGTGAATTGCTCATTTTCTGGAAAAATGGCATTTC
 GTCTACCGCTCGATTTGACAGCAAAGATGAAATCTGCTTACCCTGAAAAACATGGTGGTATCTGTGAC
 TGCCAGACCTCGAGAGACACCACCATGTATGCTGTGTCTGCTGACAGCAAAGGCTGGACACTGTGGTGG
 GCCTGCTGGCTGATGTGGTTCTGCACCCCGCCTGACAGATGAGGAAATTGAGATGACGAGGATGGCTGT
 TCAGTTTGAACCTTGAGGACCTGAACATGAGACCTGACCCAGAGCCACTGCTCACCAGATGATTCATGAA
 GCTGCTTTTAGGGAGAACACGGTGGGCCTGCACCGGTTTTGTCTGTAGAGAACATAGGGAAGATTGACC
 GAGAAGTGCTGCATTCTACCTGAAGAATACTACACCCCGACCGCATGGTGTCTGGAGTGGGCGT
 GGAGCATGAGCACCTGGTCGAATGTGCCAGAAAGTACCTCCTGGGAGTGCAGCCTGCCTGGGAGCTCCG
 GGAGCTGTGGATGTTGACAGCTCAGTGGCACAGTACACGGGGGGATCATCAAGTGGAGAGAGACATGT
 CAAATGTCAGCCTTGGCCCCACCCCGATTCCAGAGCTCACACATATCATGGTGGGCTAGAGAGCTGCTC
 CTTCTGGAGGAGATTTATCCCTTTGCTGTGTTGAATATGATGATGGGAGCGGGGGCTCCTTCTCG
 GCCGGAGGGCTGGCAAAGGCATGTTCTCCAGGCTCTACCTCAACGTGCTCAATCGGCACCACTGGATGT
 ATAATGCAACCTCCTACCACCACAGCTATGAAGACACAGGCCTCCTGTGCATCCATGCCAGCCAGACCC
 TCGACAGGTTTCGAGAAATGGTAGAAATCATCACAAGGAGTTTATTTTGTAGGGCCGAACGGTGGATTTG
 GTGGAGCTGGAGCGGGCAAGACACAGCTGATGTCCATGCTCATGATGAACCTGGAGTCCAGGCCTGTGA
 TCTTTGAGGATGTGGGAGGCGAGGTGTTGGCTACACATTCAAGAAAGCTGCCCCATGAGCTGTGCACACT
 CATTTCGAATGTGAAGCCGGAAGATATCAAGAGGGTTGCTTCCAAGATGCTCCGAGGCAAGCCTGCTGTG
 GCCGCTCTGGGTGATTTGACTGACCTGCCACGTATGAACACATCCAGGCAGCGCTGTCCAGCAGAGATG
 GGCGCTGCCAGAACATACCGGCTGTTCCGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001003673

Insert Size: 1575 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_001003673.1](#), [NP_001003673.1](#)

RefSeq Size: 1760 bp

RefSeq ORF: 1575 bp

Locus ID: 296588

Cytogenetics: 3p13

Gene Summary: alpha subunit of the general mitochondrial matrix processing protease [RGD, Feb 2006]