

Product datasheet for **MC214738**

Plpp4 (NM_001080963) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpp4 (NM_001080963) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plpp4
Synonyms: C030048B12Rik; Gm1090; Ppapdc1a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214738 representing NM_001080963
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGGGAGCTGGCCATCGAGATCGGGGTGCGAGCCCTTCTCTTCGGGGTCTTTGTTTTACAGAATTTT
TGGATCCATTCCAGAGAGTCATCCAGCCGGAAGAGATCTGGCTCTATAAAAATCCTTTGGTGCAGTCAGA
CAACATACCTACCCGCTCATGTTTGCAATTTCTTTCCTCACACCCTGGCTGTTATTTGGTGGTGAAA
ATTATCCGGCGGACAGACAAGACTGAAATTAAGGAAGCCTTCTTAGCAGTGCCTTGGCTCTTGCTTTGA
ATGGAGTCTGCACAAACTATTAATAATAGTGGGAAGACCTCGCCCCGATTTCTTTTACCGCTGCTT
TCCAGATGGGGTATGAATTCGGAGATGCGCTGCACAGGTGACCCTGACCTGGTGTCTGGAGGGCCGAAA
AGCTTCCCAGCATCCATTCCTCCTTTGCCTTCTCGGGCCTCGGTTTCAACAATTCTACCTGGCTGGCA
AGCTGCACTGCTTACCAGAGAGTGGCGGGGGAAGAGCTGGAGGCTCTGTGCTGCCATCTTGCCCTTGT
CTGTGCCATGATGATCGCCCTGTCCGCATGTGTACTACAAGCATCATTGGCAAGATTCTTTTGTGGA
GGAGTGATTGGCCTCATTTTTGCCTATATTTGCTACAGACAACATTATCCTCCTTGCCAAACACAGCAT
GCCACAAACCGTATGTCAGCCTTCGAGTGCCCACTTCACTGAAGAAGGAAGAGAGGCCTACAGCCGACAG
TGCGCCAGCTTGCCCTGGAGGGGATCACCGAGGGCCCCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001080963
Insert Size: 816 bp



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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:	<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_001080963.1</u> , <u>NP_001074432.1</u>
RefSeq Size:	1088 bp
RefSeq ORF:	816 bp
Locus ID:	381925
UniProt ID:	<u>Q0VBU9</u>
Cytogenetics:	7 F3
Gene Summary:	Displays magnesium-independent phosphatidate phosphatase activity in vitro. Catalyzes the conversion of phosphatidic acid to diacylglycerol (By similarity).[UniProtKB/Swiss-Prot Function]