

Product datasheet for MC211247

Plpp5 (NM_028000) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpp5 (NM_028000) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plpp5
Synonyms: 1810019D05Rik; 2310022A04Rik; AW045471; Ppapdc1; Ppapdc1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211247 representing NM_028000
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGACGGCGCCCTGGGAGCCGAGCTGGGCGTGCGGGTCTGCTCTTTGTGGCTTTCCTGGTGACCG
 AGCTGCTCCCTCCCTCCAGCGGGGATCCAGCCCGAGGAGCTGTGGCTCTACAGGAACCGTACGTGGA
 GGCGGAATACTTCCCACCGGCCGATGTTTGTGATTGCTTTCTCACTCCACTGTCCTGATCTTCCTC
 GCCAAGTTTCTAAGGAAAGCTGACGCTACCGACAGCAAGCAAGCCTGCCTCGCTGCCAGCCTTGCCCTAG
 CTCTGAATGGTGTCTTTACCAACATAATCAAAGTATAGTGGGACGGCCCGCCAGACTTCTTCTACCG
 CTGCTTCCCTGATGGGCTGGCCATTCTGATCTGACGTGCACGGGGACGAGGATGTGGTGAACGAGGGC
 CGAAAGAGCTTCCCCAGTGGACATTCTTCTTTGCAATTTGCTGGTCTGGCCTTTGCTTCTTCTACCTGG
 CAGGGAAGTTACTGCTTACGCCACAAGGCCGAGGGAAGTCTGGAGGCTCTGTGCCCTTCTGTCAACC
 TTTACTCTTTGCAGCCGTGATTGCACTGTCCCGCACGTGTGACTACAAGCACCCTGGCAAGATGTGCTA
 GTTGGCTCCATGATTGGAATGACATTTGCCTATGTCTGCTACAGGCAGTACTACCCCTCTGACTGACG
 TAGAGTGCCATAAACCATTTTCAGGACAAGCACAACCTCCGTCCTCACAGAAGCCAGTGAGTTGCCA
 TTTGAAATTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028000
Insert Size: 783 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:	NM_028000.1 , NP_082276.1
RefSeq Size:	1486 bp
RefSeq ORF:	783 bp
Locus ID:	71910
UniProt ID:	Q3UMZ3
Cytogenetics:	8
Gene Summary:	Displays magnesium-independent phosphatidate phosphatase activity in vitro. Catalyzes the conversion of phosphatidic acid to diacylglycerol (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).