

Product datasheet for **RN207939**

Plpp2 (NM_139252) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpp2 (NM_139252) Rat Untagged Clone
Tag: Tag Free
Symbol: Plpp2
Synonyms: Ppap2c
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207939 representing NM_139252
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCGGAGGTGGGTCTTCGTGCTGCTGGACGTGCTGTGCGTGTGGTTGCCTCTCTGCCTTTCATCA
TTCTGACTCTGGTGAATGCACCATATAAGAGAGGGTTCTACTGTGGAGACGACTCCATCCGCTACCCATA
CCGTCCAGACACAATCACCCATGGACTCATGGCTGGGGTCATCATCACAGCTACTGTCGCTTGTCTCA
TCGGGGGAGGCCCTACCTGGTGTACACAGACCGTCTCTATTGCGCGCTCTGACTTCAACAATATGTGGCTG
CCATCTACAAGGTTCTGGGAACCTTTCTGTTCCGGGGCCGCTGTGAGCCAGTCTCTGACTGACCTGGCCAA
GTACATGATTGGCCGTCTTCGACCCAGTTTCTGGCTGTGTGACCCCTGACTGGAGCCGGGTCAACTGC
TCTGGCTACGTGCAGGTGGAGGTGTGCAGGGGCAGCCCTGCTAATGTCACCGAGGCCAGGCTGTCCTTCT
ACTCTGGCCACTCCTCCTTTGGCATGTACTGCATGTTGTTCTGGCGCTCTACGTGCAGGCCCGGCTCTG
CTGGAAGTGGGCACGGCTGCTAAGGCCACCGTTCAGTCTTCTTGGTGGCCTTTGCCATCTATGTGGGC
TATACCGAGTGTCTGACAACAAGCACCCTGGAGTGATGTCCTTGGTGGCCTCTGCAGGGAGCCTTGG
TGGCTTGCCCTACGGTCTGCTACGTTTTCAGATTTCTTCAAATCTCGGCCACCCAGTCTTGCAGGAGAA
TGAAGAGTCGGAGCGTAAGCCAGTCTGTCACTGACGTTGACCCTCGGTGACCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139252
Insert Size: 831 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_139252.1 , NP_640345.1
RefSeq Size:	1603 bp
RefSeq ORF:	831 bp
Locus ID:	246115
UniProt ID:	Q8K593
Cytogenetics:	7q11
Gene Summary:	catalyzes the conversion of phosphatidic acid to diacylglycerol and inorganic phosphate [RGD, Feb 2006]