

Product datasheet for **RN209860**

Plpp1 (NM_022538) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpp1 (NM_022538) Rat Untagged Clone
Tag: Tag Free
Symbol: Plpp1
Synonyms: Ppap2a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209860 representing NM_022538
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGACAAGACGCGGCTGCCGTACGTGGTCTCGATGTGATTTGCGTGTGCTGGCTGGATTGCCTT
TTATAATCTTACTTCAAGGCATACCCCTTCCAACGAGGAGTGTCTGTACTGATGAGTCCATCAAGTA
CCCTTACAGAGAAGACACCATCCCTTATGCGTTATTAGGTGGAATAGTCATTCCATTCTGTATTATCGTT
ATGATTACTGGAGAACTCTGTCTGTTTACTTTAATGTCTTGCATTCAAATTCCTTTGTCAGCAATCACT
ATATAGCCACCATTTACAAGCCGTTGGAGCCTTTTTGTTGGAGCCTCAGCCAGTCAGTCCCTGACTGA
CATTGCTAAGTACTCTATAGGCAGACTGCGGCCTCACTTCCTGGCTGTCTGTAACCCAGACTGGTCAAAA
ATCAACTGCAGCGATGGCTACATTGAGAATTCGTATGTCAAGGGAATGAACAGAAGTCAAGGGAAGGCA
GGTTGCTCTTCTACTCGGGCACTCCTCATTCTCTATGTACTGCATGCTGTTTGTGCGACTTTATCTTCA
AGCCAGGATGAAGGGAGATTGGCAAGACTCTTACGACCCATGCTACAGTTTGGGCTTGTGCTTTATCC
ATATATGTGGCCTGTCTCGAGTTTCTGATTACAAACACCACTGGAGCGACGTGTTAATTGGCCTCATT
AAGGAGCTGTTGTGGCAATATTAGTGGTTTTGTATGTAAGTATTCTTCAAGACCACAGAGTCTAACAA
AGAAAGAAAAGAGGACTCACATACGACTCTACAGAAACCAACAGACAGAGCTACGCAAGGAATCAT
GAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022538
Insert Size: 849 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_022538.2 , NP_071983.2
RefSeq Size:	1290 bp
RefSeq ORF:	849 bp
Locus ID:	64369
Cytogenetics:	2q14
Gene Summary:	hydrolyzes phosphatidic acid and lysophosphatidic acid; may mediate surfactant phospholipid secretion in alveolar type II cells, and cell growth during lung development and injury [RGD, Feb 2006]