

## Product datasheet for RN213792

### Plid1 (NM\_030992) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Plid1 (NM_030992) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plid1
Synonyms:	Plid1a; Plid1b; Plida; Plidb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213792 representing NM_030992 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
GCC

ATGTCACTAAGAAGTGAGGCCGGTGAACACTTCTACACTGCAGAAGATCGCCGCAGATATGAGAAACC  
TGATAGAAAATCTCGACACCCGGAACTTCATTTTGGGGAGAGGAGGTGGAGTATGATGCATCTCCAGG  
AGACCCACGGCTCAGGAAGCGTGCATCCATTCTCTTCTATTTACAACACTCAAGGATTTAAGGAGCCC  
AACATCCAGATCTACCTCTCTGGCTGTCCGTGATAAAGCACAAGTACTGGAAGTGGAGCGCTTCACGTCGA  
CCTCGAGGATGCCAAGTGTCAACCTGTACACCATCGAGTTAACACACGGGGAATTCACATGGCAAGTTAA  
GAGGAAATTAAGCACTTCCAAGAGTTTCATAGAGAGCTCCTCAAGTACAAAGCCTTCATCCGGATCCCC  
ATTCACCAAAAAGACATACGTTTAGAAGACAAAATGTCAAAGAAGAGCCAGAGAAAATGCCAGTCTGC  
CCCGTTTCATCAGAAAATGCAATCCAGGAGGAGCAGTCTTTGGCAGGAGGAAGCAACTGGAAGATTACTT  
GACAAAATACTAAAAATGCCCATGTACAGAACTATCATGCCACGACAGAGTTCCTTGATGTAAGCCAA  
CTGTCTTTTATCCATGATTTGGGACCAAGGGCCTGGAAGGAATGATCATGAAAAGATCTGGGGGACACA  
GGATACCAGGTGTAATTGCTGTGGCCATGGAAGAGCCTGCTACCGGTGGTCAAAGAGTGGTTGATAGT  
GAAAGACTCTTCTGCTGTATATGAAACCAGACAGCGGGCGATCGCCTTCGTCCTTCTGTAGACAAA  
GAATTCAGAATCAAAGTGGGAAAGAAGGAGACAGAAACGAAATATGGACTTCGAATTGATAATCTTTCAA  
GGACACTGATTTTAAAATGTAACAGCTACAGACATGCCCGGTGGTGGGAGGCGCCATCGAGGAGTTCAT  
CCAGAAGCACGGCACTGACTTCTCAAAGACCATCGCTTCGGCTCCTACGCTGCGGTCCACGAGAACATT  
TTAGCTAAATGGTACGTGAACGCCAAAGGTTACTTTGAAGATATCGCAAACGCAATGGAAGGGGCAACGG  
AAGAGATTTTTATCACAGATTGGTGGTTAAGTCCAGAAATCTTCTGAAGCGCCAGTGGTGAAGGCCAA  
CCGCTGGAGGCTGGACTGCATCCTCAAACGAAAGCACAACAAGGTGTGCGGATTTTCATAATGCTTTAC  
AAAGAGTGGAGCTAGCCCTCGGGATCAACAGCGAGTACACCAAGCGGACTTTGATGCGGCTGCACCCCA  
ACATAAAGGTGATGAGACACCCAGACCATGTGTCTCCAGTGTGTATCTGTGGGCTCATACGAGAGAGCT  
CGTCATTATCGACCAATCGGTGGCGTTTGTGGGTGGGATTGACCTGGCCTATGGACGGTGGGATGCAAT  
GAGCACAGACTCACAGATGTGGGCAAGTGTCAAGCGGGTCACTCAGGACAGTCTCTGGGCTCTCTCACAG



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CAGCATCAGTAGAGTCTATGGAATCCTTAAGCCTCAAGGACAAACATCAATCTCATAAAAAACGAGCCCGT  
 CTTAAAGAGTGTCAACGATACCGACATGAAACTGAAAGGCATAGGGAAGTCCAGGAAATTCCTCAAATTT  
 AGCCTCTATCGCCAACCTCACCGCCGTAATCTGCACAACCTCGGACAGCATTAGCAGCGTCGACAGCGCCT  
 CCAACACCGGCTCCATCCGAAGTGTGCAGACAGGAGTGGGAGAGCTCCATGGGGAGACTAGGTTTTGGCA  
 TGGGAAGGATTACTGCAACTTTGTCTTCAAGGACTGGGTTCAACTGGACAAAACCTTTTGTGATTTATC  
 GACAGGTAATCCACCCCGGATGCCTTGGCATGACATTGGTTCTGTGGTTCACGAAAGGCAGCTCGTG  
 ACGTGGCTCGACACTTCCAGCGCTGGAACCTCACAAAGATTATGAAGCCAAAATATCGTTCCCTTTTC  
 TTATCCTTTCCTGCTCCCAAAGTCTCAAGCCACAGCGCATGAGCTGAGGTATCAGGTGCCAGGGCCGTC  
 CACGCCAAAGCGCAGTTGCTCCGATCTGCTGCTGACTGGTCTGCTGGTATAAAGCANACAGGAATCTA  
 TCCATGCTGCCTACACCCATGTCATAGAGAACAGCAAGCACTACATCTATATTGAAAACCAATTTTTTCAT  
 AAGCTGCGCTGATGATAAAGTCTGTTCACAAGGTGGGCAATGCTATCGCCAGAGAATCCTGAAAGCC  
 CACAGGGAAGGCCAGAGATATCGAGTGTACATCGTGATACCCTGCTGCCGGATTTCGAAGGAGACATTT  
 CCACAGGCCGGGGAAATGCCCTACAGGCAATAATGCACTTCAACTACAGAACCATGTGCAGAGGGGAGAG  
 CTCCATCCTTGAACAGTTAAAGCCAGAGCTTGGTAACAAGTGGATAAATTACATATCATTTTGCAGTCTG  
 AGAACACATGCAGAGCTGGAAGGAAACCTTGCTACTGAGCTCATCTATGTCCACAGCAAGTTGTTAATTG  
 CTGATGATAACACGGTTATCATAGGTTCTGCCAATCAATGACCGGAGCATGCTGGGAAAGCGAGACAG  
 CGAAATGGCTGTCATAGTGCAGGACAGACAGAGCTCCCGTCAGTGATGGATGGAAAAGAATATCAAGCT  
 GGCCGCTTCGCTCAAGGCCTTCGGCTGGAGTGCCTCAGGCTTGTCTGGTTATCTTTTTCGACCCAAAGT  
 AGGACATTCAGGATCCTGTAAGTGACAAATTTCAAGGAGATTTGGGTTTCAACGGCAGCTCGAAATGC  
 TACCATATATGATAAGGCTTCCGGTGCCTTCCAATGACGAAGTGCACAATTTAATCCAGTTGCGGGAC  
 TTTATAACAAGCCTATATTGGCAAAAGAGGACCGCCTTCGTGCCGAGGAAGAACTGAGGAAGATCCGTG  
 GCTTCTTGGTGCAGTTCCTTCTACTTCTTATCAGAAGAAAACCTGCTGCCTTCGGTTGGAACCAAGGA  
 AGCCATTGTGCCCATGGAGGTTTGACTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

AscI-MluI

**ACCN:**

NM\_030992

**Insert Size:**

3111 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\_030992.1, NP\_112254.1

**RefSeq Size:**

5170 bp

**RefSeq ORF:**

3111 bp

Locus ID: 25096

UniProt ID: [P70496](#)

Cytogenetics: 2q24

Gene Summary: ubiquitous enzyme that hydrolyzes phosphatidylcholine to phosphatidic acid (PA) and choline [RGD, Feb 2006]