

Product datasheet for **RN206391**

Pld3 (NM_001012167) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pld3 (NM_001012167) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pld3
Synonyms:	MGC109410
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206391 representing NM_001012167
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGAAGCCTAAACTGATGTACCAGGAGCTGAAGGTTCTGTTGAGGAACCTGCGGGAGAAGTCCCATGA
 ATGAAATCGAGGCATGGAAGGCAGCAGAGAAGAAAGCCGTTGGTCTCCTTATCCTGGCGGT
 AGTGGGCTTCGGTGCCCTGATGACTCAGCTGTTTCTATGGGAATACGGGGACTTACATCTATTTGGCCCG
 AATCAGCACCCAGCCCCCTGCTATGACCCTGCGAGGCGGTGCTGGTGGAGAGCATTCCCGAGGGCTGG
 AGTTTCCCAATGCCACCACAAGCAACCCCTCCACCAGCCAGGCCTGGTTGGGCCTCCTTGGCGGTCTCA
 CAGCAGCTGGACATCGCGTCTTCTACTGGACTCTCACAACAATGATACCCACACGCAAGAGCCCTCT
 GCCCAGCAGGGTGAAGAGGTTCTTCCAGCAGCTCAGGCTCTGGCACCTCGAGGTGTAAGGTTTCGCATCG
 CTGTGAGCAAACCAACGGACCTCTGGCTGATCTGCAGTCTCTGCTACAGAGTGGTCCCGAGGTGCGCAT
 GGTGGACATGCAGAAGCTGACCCATGGTGTCTGCACACCAAGTTCTGGGTGGTGGACCAGACCCACTTT
 TACCTGGGCGAGTCCCAACATGGACTGGCGATCGCTGACCCAGGTCAAGGAGCTGGGCGTGGTTCATGTACA
 ACTGCAGCTGCCTGGCTCGCGACCTCACCAAGATTTTTGAAGCCTATTGGTTCCTGGGCCAGGCAGGCAG
 CTCCATCCCTTCAACCTGGCCACGGCCCTTTGACACCCGGTACAACCAAGAAACACCGATGGAGATCTGC
 CTCAATGGCACCCAGCCCTGGCCTACCTGGCGAGTGACCCCGCCACTGTGTCCAGGTGGCCGCACCC
 CAGACCTGAAGGCACTGCTCAGCGTGGTGGACAACGCCGAAGCTTCATCTACATTGCAGTTATGAACTA
 CCTGCCACCATGGAGTTCTCCCATCCACGCAGGTTCTGGCCAGCGATTGATGATGGGCTAAGACGGGCT
 GCGTATGAACGAGGCGTCAAAGTGCCTTGTCTCATCAGCTGCTGGGGACACTCCGAGCCATCCATGCGGT
 CCTTCTGCTCTCCCTGGCTGCCCTTCTGTGACAACCATAACCCACTCTGACATCCAGGTGAAACTTTGT
 GGTCCCTGCGGATGAGGCCAAGCTCGAATCCCTATGCCCGCGTCAACCACAACAAGTACATGGTACT
 GAACGCACCACATACATTGGAACCTCCAACTGGTCTGGAAGCTACTTACAGAGACGGCAGGCACCTCCC
 TGCTGGTGACACAGAACGGGCACGGTGGCTTGCAGCAGCCAGCTGGAGGCTGTTTTCTGAGAGACTGGGA
 ATCCCCATACAGCCACAACCTTGACACCTCAGCCGACAGTGTGGGCAATGCCTGCCGCTGCTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM_001012167

Insert Size: 1467 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_001012167.1](#), [NP_001012167.1](#)
RefSeq Size: 1874 bp
RefSeq ORF: 1467 bp
Locus ID: 361527
UniProt ID: [Q5FVH2](#)
Cytogenetics: 1q21
Gene Summary: May be involved in APP processing.[UniProtKB/Swiss-Prot Function]