

Product datasheet for **RR206391**

Pld3 (NM_001012167) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR206391 representing NM_001012167
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGAAGCCTAAACTGATGTACCAGGAGCTGAAGGTTCTGTTGAGGAACCTGCGGGAGAAGTCCCATGA
 ATGAAATCGAGGCATGGAAGGCAGCAGAGAAGAAAGCCGTTGGGTCTCCTTATCCTGGCGGT
 AGTGGGCTTCGGTGCCCTGATGACTCAGCTGTTTCTATGGGAATACGGGGACTTACATCTATTTGGCCCG
 AATCAGCACCCAGCCCCCTGCTATGACCCTGCGAGGCGGTGCTGGTGGAGAGCATTCCCGAGGGCTGG
 AGTTTCCCAATGCCACCACAAGCAACCCCTCCACCAGCCAGGCCTGGTTGGGCCTCCTTGCCGGTCTCA
 CAGCAGCTGGACATCGCGTCTTCTACTGGACTCTCACAACAATGATACCCACACGCAAGAGCCCTCT
 GCCCAGCAGGGTGAAGAGGTTCTTTCAGCAGCTCAGGCTCTGGCACCTCGAGGTGTAAGGTTTCGCATCG
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 GGTGGACATGCAGAAGCTGACCCATGGTGTCTGCACACCAAGTCTGGGTGGTGGACCAGACCCACTTT
 TACCTGGGCACTGCCAACATGGACTGGCGATCGCTGACCCAGGTCAAGGAGCTGGGCGTGGTTCATGTACA
 ACTGCAGTGCCTGGCTCGCGACCTCACCAAGATTTTTGAAGCCTATTGGTTCCTGGGCCAGGCAGGCAG
 CTCCATCCCTTCAACCTGGCCACGGCCCTTTGACACCCGGTACAACCAAGAAACACCGATGGAGATCTGC
 CTCAATGGCACCCAGCCCTGGCCTACCTGGCGAGTGCACCCCGCCACTGTGTCCAGGTGGCCGACCC
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 GCGTATGAACGAGGCGTCAAAGTGCCTTGTCTCATCAGTCTGCTGGGACACTCCGAGCCATCCATGCGGT
 CCTTCTGCTCTCCCTGGCTGCCCTTCTGTGACAACCATACCCACTCTGACATCCAGTGAACACTGTTGT
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 ATCCCCATACAGCCACAACCTTGACACCTCAGCCGACAGTGTGGGCAATGCCTGCCGCTGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence:

>RR206391 representing NM_001012167
 Red=Cloning site Green=Tags(s)

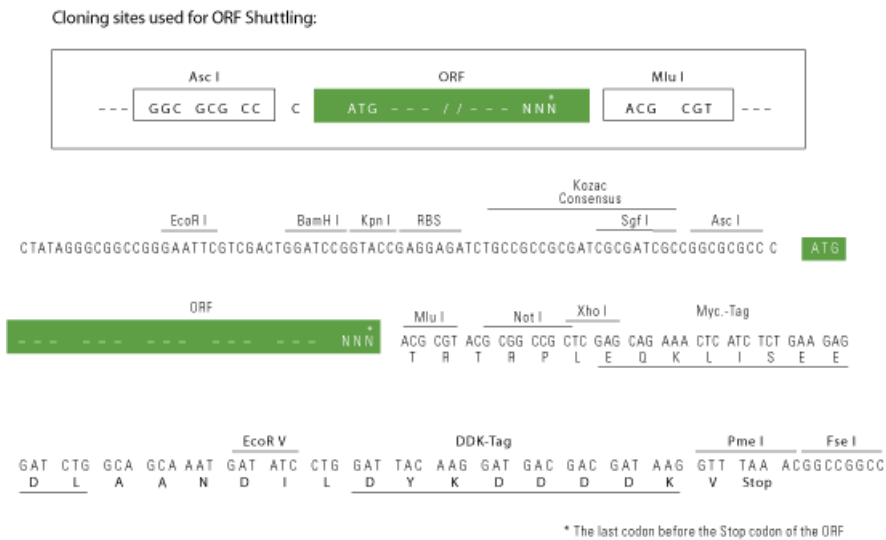
MKPKLMYQELKVPVEEPAGELPMNEIEAWKAAEKKARWLLVLI LAVVGFALMTQLFLWEYGLHLFGP
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 AQQGEEVLQQLQALAPRGVKVRIAVSKPNGLADLQSLQSGAQVRMVD MQKLTGVLHTKFWVVDQTHF
 YLGSANMDWRSLTQVKELGVVMYNCSLARDLTKIFEAYWFLGQAGSSIPSTWPRPFDRYQETPMEIC
 LNGTPALAYLASAPPPLCPGGRTPLKALLSVVDNARSFIYIIVMNYLPTMEF SHPRRFWPAIDDLRRA
 AYERGVKVRLLISCWGHSEPSMRSFLLSLAALRDNHHSDIQVKLFVVPADAEQARIPYARVNHKYMVT
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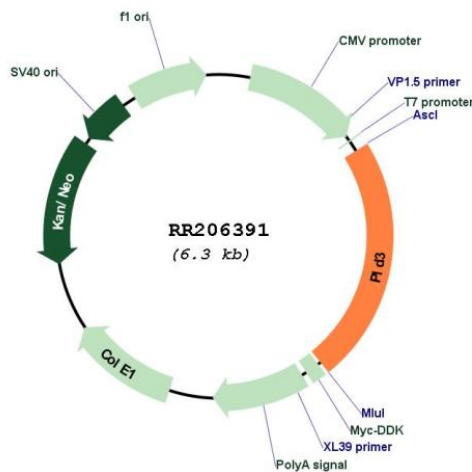
Restriction Sites:

AscI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012167

ORF Size: 1464 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

MW: 54.4 kDa

Gene Summary: May be involved in APP processing.[UniProtKB/Swiss-Prot Function]