

Product datasheet for RR213792

Pld1 (NM_030992) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pld1 (NM_030992) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pld1
Synonyms:	Pld1a; Pld1b; Plda; Pldb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR213792 representing NM_030992 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGCCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCC

ATGTCCTAAGAAGTGAGGCCGGTGAACACTTCTACACTGCAGAAGATCGCCGCAGATATGAGAAACC
TGATAGAAAATCTCGACACCCGGAACTTCATTTTGGGGAGAGGAGGTGGAGTATGATGCATCTCCAGG
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GAGCACAGACTCACAGATGTGGGCACTGTCAAGCGGGTACCTCAGGACAGTCTCTGGGCTCTCTCACAG
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Protein Sequence:

>RR213792 representing NM_030992

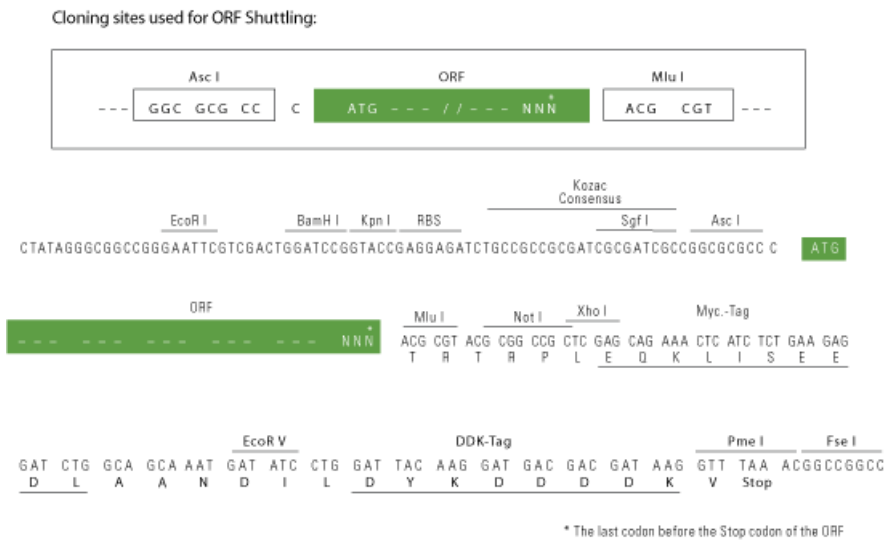
Red=Cloning site Green=Tags(s)

MSLRSEARVNTSTLQKIAADMRNLIENLDTRELFHEGEEVEYDASPGDPTAQEACIPFSSIYNTQGFKEP
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

AscI-MluI

Cloning Scheme:


ACCN: NM_030992

ORF Size: 3108 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_030992.1](#), [NP_112254.1](#)

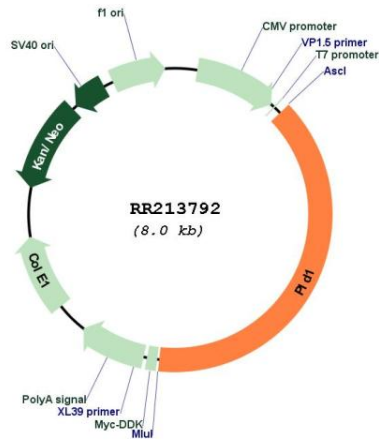
RefSeq Size: 5170 bp

RefSeq ORF: 3111 bp

Locus ID: 25096

UniProt ID: [P70496](#)
 Cytogenetics: 2q24
 MW: 119.5 kDa
 Gene Summary: ubiquitous enzyme that hydrolyzes phosphatidylcholine to phosphatidic acid (PA) and choline [RGD, Feb 2006]

Product images:



Circular map for RR213792