

Product datasheet for MR226799

Pld1 (NM_008875) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pld1 (NM_008875) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pld1
Synonyms:	AA536939; C85393; mPLD1; Pld1a; Pld1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226799 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCACTGAAAAGCGAGACCAGGGTGAACACGTCTACACTGCAGAAAATCGCCGCAGATATGAGCAACC
TGATAGAAAATCTCGACACCCGGGAGCTTCATTTTGGGGAGAGGAGGTGGAATATGACGCATCTCCAGG
AGACCCCAAGGCCAGGAAGGGTGCATCCCATTCTTTTACAACACTCAAGGATTTAAGGAGCCC
AACATCCAGACCTACCTCTCTGGCTGTCCATAAAAGCACAAGTACTGGAAGTGGAGCGCTTCACATCGA
CCTCAAGGGTGCCAAGTATCAACCTGTACACGATCGAGTTAACGCACGGGGAATTCACATGGCAAGTTAA
GAGGAAAATCAAGCACTCCAAGAGTTTACAGAGAGCTGCTCAAGTACAAAGCCTTCATCCGGATCCCC
ATCCCCACTAAAAGACATACATTTAGAAGACAAAATGTCAAAGAAGAACCCCGAGAGATGCCAGCTCTGC
CCCCTTATCAGAAAACGAATCCAGGAAGAGCAGTTCTTTGGCAGGAGGAAGCAACTGGAAGATTACTT
GACAAAAATAAAAAATGCCCATGTACAGAACTATCATGCCACGACAGAGTTCCTTGATGTAAGCCAG
CTGTCTTTCATCCATGATCTGGGACCAAGGGCCTGGAAGGAATGATCATGAAAAGGTCTGGGGACACA
GGATACCAGGTGTAATTGCTGTGGCCATGGACGAGCCTGCTACCGGTGGTCAAAGAGGTGGTTGATAGT
AAAAGACTCTTTCTGCTCTATATGAAACCAGATAGCGGGGCTATTGCCTTCGTCTCCTTGTAGATAAA
GAATTCAGAGTCAAAGTGGGAAGGAAAGAGACAGAAACGAAATATGGACTTCGGATCGATAATCTTTCAA
GGACCCTGATTTTAAAATGTAACAGCTACAGACACGCCCGGTGGTGGGGAGGCGCCATCGAGGAGTTTCA
CCGGAAGCATGGAGCTGACTTCTCAAAGACCATCGCTTCGGGTCTACGCCGCTCTCCATGAGAACACG
TTAGCTAAGTGGTATGTGAACGCCAAAGGTTACTTTGAAGACATCGCAAATGCAATGGAAGAGGCATCGG
AAGAGATTTTTATCACAGATTGGTGGTTAAGTCCAGAAATCTTCTGAAGCGCCAGTGGTGAAGGCAA
CCGCTGGAGGCTGGACTGCATCCTCAAACGAAAGCACAACAAGGTGTGCGGATCTTCATAATGCTTTAC
AAAGAGGTGGAGTAGCCCTCGGGATCAACAGCGAGTACAGCAAGCGGACGTTGATGAGGCTGCACCCCA
ACATAAAGGTGATGAGACACCCAGACCAGTGTCTCCAGCGTGTACCTGTGGGCTCACCATGAGAAGCT
TGTCATTATCGACCAATCAGTGGCTTTCGTGGGTGGGATTGACCTGGCCTACGGAAGGTGGGATGACAA



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GAGCACAGACTCACAGACGTGGGCACTGTCAAGCGGGTACCTCAGGACTGTCTCTGGGCTCCCTCACGG
 CAGCATCAGTAGAGTCTATGGAATCCTTAAGCCTCAAGGATAAACATGAATTTTCATAAAAAGGAGCCCAT
 CTCAAAGATTGTTGATGAGACTGACATGAAGCTGAAAGGGATAGGAAAGTCCAGGAAATTCCTCAAATTT
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 CCCGCCAAAGTGCAGTTGCTCCGATCTGCTGCTGATTGGTCTGCTGGTATAAAGCACCATGAGGAATCCA
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 TTTATAAACAAGCCATATTAGCAAAAGAGGATCGCTTCGCGCCGAGGAAGAACTGAGGAAGATCCGCG
 GGTTCTTGGTGCAGTTCCTCTCTATTTCTTATCAGAAGAGAACCTGCTGCCTTCTGTTGGAACCAAGA
 AGCCATTGTGCCTATGGAGTTTGGACT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226799 protein sequence
 Red=Cloning site Green=Tags(s)

MSLKSETRVNTSTLQKIAADMSNLIENLDRELHFEGEEVEYDASPGDKAQEGCIPFSSIIYNTQGFKEP
 NIQTYLSGCPIKAQVLEVERFTSTSRVPSINLYTIELTHGEFTWQVQRKFKHFQEFHRELLKYKAFIRIP
 IPTKRHTFRRQNVKEEPREMPSLPRSENAIQEEQFFGRRKQLEDYLTKILKMPMYRNYHATTEFLDVSQ
 LSFIDHDLGPKGLEGMIMKRSGGHRIPGVNCCGHGRACYRWSKRWLIVKDSFLLYMKPDSGAI AFVLLVVK
 EFRVVKGRKETETKYGLRIDNLSRTLILKNSYRHRARWWGGAIEEFIRKHGADFLKDRFRGSYAALHENT
 LAKWYVNAKGYFEDIANAMEEASEEIFITDWLSP EIFLKRVPVEGNRWRLDCILKKAQQGVRI FIMLY
 KEVELALGINSEYSKRTLMRLHPNIKVMRHPDHVSSSVYLWAHHEKLVII DQSVAFVGGIDLAYGRWDDN
 EHRLTDVGSVKRVT SGLSLGSLTAASVESMESLSLKDKEHFHKKEPI SKIVDETDMKLKIGKSRKFSKF
 SLYRQLHRHHLHNADSISSIDSTNTGSI RSVQTVGVELHGETRFWHGKDYCNFVFKDWVQLDKPFADFI
 DRYSTPRMPWHDIGSVVHGKAARDVARHF IQRWNF TKIMPKYRSLSYPFLLPKSQATAHELRYQVPGAV
 PAKVQLLSAADWSAGIKHHEESIHAAYIHVIENSKHYIYIENQFFISCADDKVVFNKVGDAIAQRILKA
 HREGQRYRVYI VIPLLPGFEGDISTGGGNALQAIMHFNYRTMCRGESSILEQLKPELGNKWINYISFCGL
 RTHAELEGNLVT ELIYVHSLKLLIADDNTVIIGSANINDRSM LGKRDESEMAVIVQDTETVPSVMDGKEYQA
 GRFARDLRL ECFRLVLGYLSDPSEDLQDPVSDKFFKEI WVSTAARNATIYDKVFRCLPNDEVHNL IQLRD
 FINKPILAKEDRLRAEEELRKIRGFLVQFPLYFLSEENLLPSVGTKEAIVPMEVWT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_008875

ORF Size: 3111 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_008875.4](#), [NP_032901.2](#)

RefSeq Size: 4932 bp

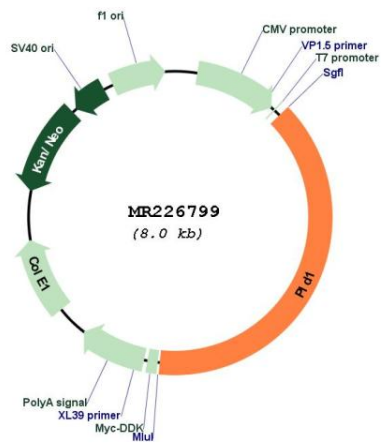
RefSeq ORF: 3111 bp

Locus ID: 18805

Cytogenetics: 3 11.15 cM

MW: 119.6 kDa

Product images:



Circular map for MR226799