

Product datasheet for **MG226799**

Pld1 (NM_008875) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pld1 (NM_008875) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Pld1
Synonyms: AA536939; C85393; mPLD1; Pld1a; Pld1b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226799 representing NM_008875
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCACTGAAAAGCGAGACCAGGGTGAACACGTCTACACTGCAGAAAATCGCCGCAGATATGAGCAACC
 TGATAGAAAATCTCGACACCCGGGAGCTTCATTTTGGGGAGAGGAGGTGGAATATGACGCATCTCCAGG
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 AACATCCAGACCTACCTCTCTGGCTGTCCATAAAAGCACAAGTACTGGAAGTGGAGCGCTTCACATCGA
 CCTCAAGGGTGCCAAGTATCAACCTGTACACGATCGAGTTAACGCACGGGGAATTCACATGGCAAGTTAA
 GAGGAAATTCAGCACTTCCAAGAGTTTACAGAGAGCTGCTCAAGTACAAAGCCTTCATCCGGATCCCC
 ATCCCCACTAAAAGACATACATTTAGAAGACAAAATGTCAAAGAAGAACCCCGAGAGATGCCAGCTCTGC
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 GACAAAAATACTAAAAATGCCCATGTACAGAACTATCATGCCACGACAGAGTTCCTTGATGTAAGCCAG
 CTGTCTTCATCCATGATCTGGGACCAAAGGCCCTGGAAGGAATGATCATGAAAAGGTCTGGGGACACA
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GAGCACAGACTCACAGACGTGGGCAGTGTCAAGCGGGTCACCTCAGGACTGTCTCTGGGCTCCCTCACGG
 CAGCATCAGTAGAGTCTATGGAATCCTTAAGCCTCAAGGATAAACATGAATTTTCATAAAAAGGAGCCCAT
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 TTTATAAACAAGCCCATATTAGCAAAAGAGGATCGCCTTCGCGCCGAGGAAGAACTGAGGAAGATCCGCG
 GGTTCTTGGTGCAGTTCCTCTCTATTTCTTATCAGAAGAGAACCTGCTGCCTTCTGTTGGAACCAAGA
 AGCCATTGTGCCTATGGAGGTTTGGACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226799 representing NM_008875
 Red=Cloning site Green=Tags(s)

MSLKSETRVNTSTLQKIAADMSNLIENLDTRELHFEGEEVEYDASPGDPKAQEGCIPFSSIYNTQGFKEP
 NIQTYLSGCPIKAQVLEVERFTSTSRVPSINLYTIELTHGEFTWQVKRKFHFQEFHRELLKYKAFIRIP
 IPTKRHTFRRQNVKEEPREMPSLPRSENAIQEEQFFGRRKQLEDYLTKILKMPMYRNYHATTEFLDVSQ
 LSFIDHDLGPKGLEGMIMKRSGGHRIPGVNCCGHRACYRWSKRWLIVKDSFLLYMKPDSGAI AFVLLVVK
 EFRVKVGRKETETKYGLRIDNLSRTLILKNSYRHRARWGGAIIEEFIRKHGADFLKDRHFGSYAALHENT
 LAKWYVNAKGYFEDIANAMEEASEEIFITDWLWSPEIFLKRVPVEGNRWRLDCILKKAQQGVRI FIMLY
 KEVELALGINSEYSKRTLMRLHPNIKVMRHPDHVSSSVYLWAHHEKLVIIDQSVAFVGGIDLAYGRWDDN
 EHRLTDVGSVKRVTSGLSLGSLTAASVESMESLSLKDKHEFHKKEPI SKIVDETMKLGIGKSRKFSKF
 SLYRQLHRHHLHNADSISSIDSTSNTGSI RSVQTVGVGELHGETRFWHGKDYCNFVFKDWQLDKPFADFI
 DRYSTPRMPWHDIGSVVHGKAARDVARHFIQRWNFTKIMPKYRSLSYPFLLPKSQATAHELRYQVPGAV
 PAKVQLLRSAADWSAGIKHHEESIHAAYIHVIENSKHYIYIENQFFISCADDKVVFNKVGDIAIQRILKA
 HREGQRYRYVYIVIPLLPGFEGDISTGGGNALQAIMHFNYRTMCRGESSILEQLKPELGNKWINYISFCGL
 RTHAELEGNLVTIELIYVHSLKLLIADDNTVIIGSANINDRSM LGKRDESEMAVIVQDTETVPSVMDGKEYQA
 GRFARDLRL ECFRLVLGYLSDPSEDLQDPVSDKFFKEI WVSTAARNATIYDKVFRCLPNDEVHNL IQLRD
 FINKPILAKEDRLRAEEELRKIRGFLVQFPLYFLSEENLLPSVGTKEAIVPMEVWT

TRTRPLE - GFP Tag - V

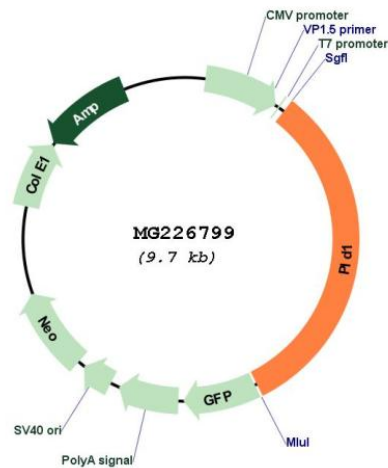
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_008875

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:	<ol style="list-style-type: none">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:	<u>NM_008875.4, NP_032901.2</u>
RefSeq Size:	4932 bp
RefSeq ORF:	3111 bp
Locus ID:	18805
Cytogenetics:	3 11.15 cM