

Product datasheet for **MC227876**

Pld5 (NM_001195816) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pld5 (NM_001195816) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pld5
Synonyms:	B230365F16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227876 representing NM_001195816
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGTCTCAGCAGAAGTGCATCGTATCTTCGCTCTGGTCTGCTGCTTCGCCGTTCTGGTCGCTCATCT
 TTTCCAGCGGTGGACATCATGGGAGAGGATGAGGATGGACTCTCAGAGAAGAATTGCCAAAATAAATGTCG
 AATTGCTCTTGTGAAAAACATTCCTGAAGGCTTAACTACTCTGAAGATGCCCCGTTTCACTTACCCTC
 TTCCAAGGCTGGATGAACTTGTCAACATGGCCAAAAAGTCTGTGGACATAGTGTCTTCCATTGGGACC
 TCAACCACACACCCAGCTGCATGTCAGGGTCAACGTCTCTTTGAGAAGTTGCTCCAGCTGACGTGCGA
 AAACATCGAAGTCAAGCTGGTGAAGCAGCTGACCCGAGATTCAAAGGTATTAGAAGCCTTGAAGTTAAAG
 GGTGCTGAGGTGACATACATGAACATGACCGCCTACAACAAGGGCCGGCTGCAGTCGTCTTCTGGATTG
 TGGACAAAACAGCATGTGTACATTGGCAGTGCAGGCTTAGACTGGCGATCGCTTGGACAGATGAAAGAAT
 CGGTGTACATCTTCAACTGCAGCTGCCTGGTCTAGATTTACAAGGATATTCGCTTTATATAGCTCA
 TAAAAATTCGAAGCAGAGTACCTCAGACCTGGTCCAAGAGACTCTATGGAGTCTATGACAATGAGAAGA
 AGCTTCAGCTCCAATTGAACGAAACCAAGTCACAGGCCTTTGTGTGCAACTCTCCTAAACTCTTTTGCC
 TAAAAACAGAAGCTTTGACATCGATGCCATCTACAGTGTGATTGACGATGCCAAACAGTACGTGTACATT
 GCGGTCACCGACTACCTGCCTATCTCCAGCACGAGCAGCAAAAGGACTTACTGGCCAGATTTAGATGGGA
 AGATAAGAGAAGCATTAGTTTTACGAAGCGTTAAAGTCCGGCTGCTCATAAGCTTCTGGAAGGAGACTGA
 TCCCTCAGTTCAACTTCATCTCGTCTCTTAAAGCTATTTGCACTGAAATAGCCAACAGTTCAGTTTCCCA
 GTTAAATTTTTGATCTGGAAGAGAGAATGCTTGTGCAACGAAAGCAAAAAGAATCAGACCTTTCCCA
 AATTAACCGCAACAAGTACATGGTGCAGAGCGGGCAGCTTACATCGGAAATTTGACTGGGTAGGGAA
 TGACTTTACCCAGAACGCTGGCACGGCCCTTGTTCATCAACCAGGCAGATGTGAGAGACAACAGGAGCATC
 ATTAAGCAACTGAAGGACGTGTTTGAAGGGACTGGTATTGCGCTTATGCCAAATCCATACAGCCACCA
 AACCAACGAACTGTTCAAGCCTGTCCAACTCAAGTCTCCCTCCAAGCAACCTGCCATGGCCAATGCCAC
 CGGGAGGGAGCCGCTGAGCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** AscI-MluI
- ACCN:** NM_001195816
- Insert Size:** 1425 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001195816.1](#), [NP_001182745.1](#)

RefSeq Size: 3267 bp

RefSeq ORF: 1425 bp

Locus ID: 319455

UniProt ID: [Q3UNN8](#)

Cytogenetics: 1 H4