

## Product datasheet for **RN213461**

### **Pld4 (NM\_001126288) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pld4 (NM_001126288) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pld4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213461 representing NM\_001126288  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGGGGAAGCAACAGGCCAGAGAGGAGGCAGGTGCCTGCACAGGCAAGGCCTGCAGACAATGACTG  
 GAGCCAGGATGGACAAGAAAAATGGCACCCAGAGATGCTGATACCTCTGCAGACAACAATGGAGGTCCC  
 TGA**CTGGCCCTACTCCACTCCACCTCATGGTCCACACAACAGAGTTGGCATGGTACTAGGGATGCTGGCT**  
 ATCCTGGGACTCGGCTCTGTGACTCTCACCTTGTCTCTGTGGCAAGGGCCCACTTCTTTACCAGTCCCC  
 AGATGTTCCCTGAGGAAGTGCCCTCCTGGTCTGGGAGACCTGAAAGGAGACTGAGCAGAATAACTC  
 CTGT**CAGCTCATCCTTGC**GAAAGTATTC**CCGAGGACTT**GCCGTTTGCAGCCGGCAGCCCCGCTGCCAG  
 CCGCTGGCCAGGCTTGGCTGCAGCTTCTT**GACTGCTCAGGAGAGCGTCCACATTGCCTCATACTACT**  
 GGTCCCTCACCGACAGGACGTTGGAGTCAATGACTCATCTTCTCAGCAGGGAGAGGCCCTTCTACAGAA  
 GTTTCAACAGCTCCTTCTCAGGAATATCTGTGGTGGTGCCACCCACAGCCCAACATTGGCCAAGACA  
 TCCACTGACCTCCAGGCTTGGCTGCCACGGTGCCAGATACGACAGGTTTCCATGAAACAGCTTACTG  
 GTGGTGTCTTACTCCAATTTCTGGGTTGTGGATGGGCGGCATGTCTACGTGGGCAGTGCCAACATGGA  
 CTGGCGGTCCCTTCTCAGGTGAAGGAGCTTGGCGCTATCATCTACA**ACTGCAGTCACTGGCTGAAGAC**  
 CTTGAGAAAACATTCCAGACCTACTGGGTGCTGGGGACTCCCCAAGCTGTTCTCCCTAAACCCTGGCCTC  
 GGA**ACTTCTCA**ACCACATCAACCGTTCCATCCCTTGCGGGGTCTCTTTGACGGGGTCCCACCACAGC  
 CTATTTCTCGGCTCTCCTCCCTACTCTGCCCCATGGCCGTACCCGGGATCTGGACGCAGTGTGGCA  
 GTGATGGGGGTGCTGGCGAGTTCATCTACGTCTCAGTGATGGAGTACTCCCTACCACGCCTTCACTC  
 ACCCAGCCAGTACTGGCCCGTGGACAATGC**ACTACGGCTGCGGCCTTCAATAAGGGTGTGCGTGT**  
 GCGCTTACTGGTCAGCTGCTGGTTCAACACAGACCCACCATGTT**CGCTTATCTGAGTCCCTGCAGGCT**  
 TTCAGTAACCCCTTGGCTGGCATCTCAGTGATGTGAAAGTCTT**CATTGTACCTGTGGAAATCACTCCA**  
 ACATCCCATT**CAGCCGCTGA**ACCACAGCAAGTTCATGGT**CACAGACAAGACAGCCTATATAGGCACCTC**  
 TAACTGGT**CAGAAGACTACTT**CAGCGCACCGCCGGTGTGGCCTGGTTGT**CAGCCAGAAGACCCCTAGT**  
 GCCCAGCCAGCCGTGACCACCGTGCAGGAGCAGCTGAGGCAACTTTGAA**CGGGACTGGAGTCCCACT**  
 ATGCCATGGCCCTGGACAGACAAATCCCGAGCCAGGATTGTGTCTGG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001126288

**Insert Size:** 1590 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).

**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\\_001126288.1](#), [NP\\_001119760.1](#)

**RefSeq Size:** 1989 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 362792

**Cytogenetics:** 6q32