

## Product datasheet for **RN206093**

### **Pdlim2 (NM\_001007622) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pdlim2 (NM\_001007622) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pdlim2  
**Synonyms:** MGC94060  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206093 representing NM\_001007622  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGTTGACTGTGAATGTGGTGGGACCAGCACCTTGGGGCTTCCGCATTAGCGGAGGAAGGGATTTC  
ATACACCCATCATCGTGACGAAGGTCACAGAGAGGGGCAAGGCGGAGGCAGCTGATCTCCGGCCTGGCGA  
CATCATTGTGGCCATCAATGGAGAGAGTGCCGAGAGCATGCTACATGCGGAGGCCAAAGCAAGATCCGA  
CAGAGTGCCTCACCCCTAAGACTGCAGCTGGACCAGGTCCTCAAACTGCCTCTCCTGGGCAGATCAATGGGG  
AGGGCTCCTTGGACATGCTGGCAACTAGATTCCAGGGCTCCCTGAGGACACACCATAACAGCCAGTCTTC  
CCAGAGATCTGCCTGCTTCCAGCCAGCCTCTCTCAGTCCCAGGCCAGACAGCCCTTTCTCCACTCCACCC  
CCTACCAGCCCAATTGCCCTTTCTGGAGAGAATGTGATTGGCTGTAGTTTCCAGAGTCTGACACACTCTC  
CAGGTCTTGCTGCTACTCACCATTGACCTACCCTGGCCAGCCACCAGCCAACAGGCCGGCCACAGCAG  
CCCAAGCGACTCCACAGTGAGGGTGTGCTTCAATCCCCAGGACGACCCTCCAGCCCAGGTTAAGCAGT  
TTGGACCTGGAGGAGGACTCAGAGGTGTTCAAGATGCTGCAGGAGAACCGCCAGGGACGGGCTGCCCAA  
GGCAGTCCAGCTCTTTTCGGCTTTACAGGAAGCCTTGGAGGCTGAGGAAAGAGGGCGGCACACCTGCCTT  
TGTGCCAGCTCGCTGAGTCCCAAGGCTTCTTGGCCACCTCCAGGGCCTTGCCACGCCACCCAACTC  
CACACCTGTGAGAAGTGCAGCGTCAACATCTCGAACCAGGCAAGTCCGCATCCAGGAGGGGAGGTACCGAC  
ACCCTGGCTGCTACACCTGTGCAGACTGCGGGCTGAACCTGAAGATGCGGGGTCACTTCTGGGTGGGAAA  
CGAGTTGTACTGTGAGAAGCAGCCCGCCAGCGCTACTCAATGCCTGGAAGTCTCAGCTCTCAAGCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001007622



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<b>Insert Size:</b>	1050 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001007622.1</a></u> , <u><a href="#">NP_001007623.1</a></u>
<b>RefSeq Size:</b>	1562 bp
<b>RefSeq ORF:</b>	1050 bp
<b>Locus ID:</b>	290354
<b>UniProt ID:</b>	<u><a href="#">Q6AYD6</a></u>
<b>Cytogenetics:</b>	15p11
<b>Gene Summary:</b>	Probable adapter protein located at the actin cytoskeleton that promotes cell attachment. Necessary for the migratory capacity of epithelial cells. Overexpression enhances cell adhesion to collagen and fibronectin and suppresses anchorage independent growth. May contribute to tumor cell migratory capacity (By similarity).[UniProtKB/Swiss-Prot Function]