

## Product datasheet for MC200210

### Pdlim1 (NM\_016861) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pdlim1 (NM\_016861) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pdlim1  
**Synonyms:** Clim1; CLP36; mClim1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC004809 sequence for NM\_016861  
 CCGGGATCCCCGCGCCGTGCAGTTCGTGCCTTGCCCTCCGATTGTGCCTAGCGATGA  
 CCACCCAGCAGATTGTTCTCCAGGGCCCGGTCCTGGGGTTTCCGCCTCGTGGGCGCAAGGACTTCGA  
 ACAACCTCTCGCCATTTCCCGGGTCACTCCCGAAGCAAGGCTGTATAGCGAATTTATGTATTGGAGAT  
 TTAATCACAGCCATCGATGGGGAAGATACCAGCAGCATGACACACTTGAAGCTCAGAACAAAATCAAAG  
 GCTGCGCAGACAACATGACGCTCACAGTATCCAGGTCTGAACAGAAGATTTGGTCTCCTCTAGTGACCGA  
 GGAGGGGAAACGTCATCCCTACAAGATGAATTTAGCGTCGGAACCCCAAGAAGTCTGCACATAGGAAGT  
 GCCCACAACCGAAGTGCCATGCCATTTACTGCCTCACCTGCTCCCAGCACCCGGGTATCACAACCCAGT  
 ACAACAGCCCAACTGGCCTCTACTCATCCGAAAACATCTCTAACTTCAACAATGCTGTGGAGTCGAAGAC  
 CTCAGCCAGTGGGAGGAGGCGAACAGCAGGCCCGTGGTTCAGCCCCATCCCTCCGGCAGCCTTATCATT  
 GACAAGGACTCTGAAGTTTACAAGATGTTTCAGGAGAAGCAAGAATTAACGAGCCCCCAACAGTCCA  
 CATCCTTCTGGTTCGAGGAGATCCTGGAGTCAGATGGGAAAGGGGATCCCAACAAGCCATCAGGATT  
 TAGAAGTGTTAAAGTCCAGTTACCAAAGTGGCTGCATCTGTTGAAATGCTCAGAAGCTGCCCATCTGT  
 GACAAATGTGGAAGTGGTATTGTTGGTGTGTTGTGAAGCTGAGGGATCACCATCGCCACCTGAATGCT  
 ATGTGTGCACCGACTGTGGCATCAACCTGAAACAGAAGGGCCATTTCTTTGTAGAGGATCAGATCTACTG  
 TGAAAAGCATGCCCGGAGCGGGTCACTCCGCCTGAGGGCTATGATGTGGTCACAGTGTTCGCGAGTGA  
 TGGAGAGGACCTGCCCTGTCTACTGTCTCCAGCCAGCCTGTGCACCTGGTTCTCGGAATATTCTGGCT  
 CTCTCCTCCCTGACAGTCTGTGCTTACTTAGTGTTAGTCATGCGCAATAAACATTGGGTTTTGTCTGGG  
 CTGACTACTCCACTGGCAGTGTGACCTCTGCTTTTACATTATTGGGAGATGGTTTTGTCCCTGTCCCT  
 TCACCCACCTCAGTGACCTTCTTCACTTGGAGTCTTCTCTGCTGCAATGGACATTGGTCCATTGGA  
 ACTAAGCCAAATGTAGTATCTCTGATGTTACTTGGTTTTACTTAATAAATTTAGACTTTAAAGCAAAAAA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_016861  
**Insert Size:** 984 bp



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<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>	<a href="#">BC004809</a> , <a href="#">AAH04809</a>
<b>RefSeq Size:</b>	1413 bp
<b>RefSeq ORF:</b>	984 bp
<b>Locus ID:</b>	54132
<b>UniProt ID:</b>	<a href="#">O70400</a>
<b>Cytogenetics:</b>	19 C3
<b>Gene Summary:</b>	Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton (By similarity). Involved in assembly, disassembly and directioning of stress fibers in fibroblasts. Required for the localization of ACTN1 and PALLD to stress fibers. Required for cell migration and in maintaining cell polarity of fibroblasts (By similarity). [UniProtKB/Swiss-Prot Function]