

Product datasheet for **SC108058**

PDLIM1 (NM_020992) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PDLIM1 (NM_020992) Human Untagged Clone
Tag:	Tag Free
Symbol:	PDLIM1
Synonyms:	CLIM1; CLP-36; CLP36; hCLIM1; HEL-S-112
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108058 sequence for NM_020992 edited (data generated by NextGen Sequencing)

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ATGACCAACCCAGCAGATAGACCTCCAGGGCCCGGGCCGTGGGGCTTCCGCCTCGTGGGC
GGCAAGGACTTCGAGCAGCCTCTCGCCATTTCCCGGGTCACTCCTGGAAGCAAGGCGGCT
CTAGCTAATTTATGTATTGGAGATGTAATCACAGCCATTGATGGGAAAAATACTAGCAAT
ATGACACACTTGAAGCTCAGAACAGAATCAAAGGCTGCACAGACAATTGACTCTCACT
GTAGCCAGATCTGAACATAAAGTCTGGTCTCCTCTGGTGACGGAGGAAGGGAAGCGTCAT
CCATACAAGATGAATTTAGCCTCTGAACCCAGGAGGTCTGCACATAGGAAGCGCCAC
AACCGAAGTGCCATGCCCTTTACCGCTCGCCTGCCTCCAGCACTACTGCCAGGGTCATC
ACAAACCAAGTACAACAACCCAGCTGGCCTCTACTCTTCTGAAAAATATCTCCAACCTCAAC
AATGCCCTGGAGTCAAAGACTGCTGCCAGCGGGTGGAGGCGAACAGCAGACCCTTAGAC
CATGCTCAGCCTCCAAGCAGCCTTGTCATCGACAAAGAACTGAAGTTTACAAGATGCTT
CAGGAGAAACAGGAGTTGAATGAGCCCCGAAACAGTCCACGTCTTTCTTGGTTTTGCAG
GAAATCCTGGAGTCTGAAGAAAAAGGGGATCCCAACAAGCCCTCAGGATTCAGAAGTGTT
AAAGCTCCTGTCACTAAAGTGGCTGCGTCGATTGGAAATGCTCAGAAGTTGCCTATGTGT
GACAAATGTGGCACTGGGATTGTTGGTGTGTTGTGAAGCTGCGGGACCGTCACCGCCAC
CCTGAGTGTTATGTGTCACTGACTGTGGCACCAACCTGAAACAGAAGGGCCATTTCTTT
GTGGAGGATCAAATCTACTGTGAGAAGCATGCCCGGGAGCGAGTCACACCACCTGAGGGT
TATGAAGTGGTCACTGTGTTCCCAAGTGA
  
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Clone variation with respect to NM_020992.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020992 unedited ACATTTTGTAAACGACTCACTATAGGCGGCCGGAATTCGCACGAGCCCGGGCCCGCGCC GCGCCGCTCTTTCTCCGACAGCCGCCGGGGTGCCTGCAAGCTGTTCCGCGCTCCTGC CCGTCTGTCCCGCGGGTCGTGCGCCGCCACAGCCGCCATGACCACCCAGCAGATAGA CCTCCAGGGCCCGGGGCGGTGGGCTTCCGCCTCGTGGGCGGCAAGGACTTCGAGCAGCC TCTCGCCATTTCCCGGGTCACTCCTGGAAGCAAGGCGGCTCTAGCTAATTTATGTATTGG AGATGTAATCACAGCCATTGATGGGAAAATACTAGCAATATGACACACTTGAAGCTCA GAACAGAATCAAAGGCTGCACAGACAACCTTGACTCTCACTGTAGCCAGATCTGAACATAA AGTCTGGTCTCCTCTGGTGACGGAGGAAGGAAGCGTCATCCATACAAGATGAATTTAGC CTCTGAACCCAGGAGGTCTGCACATAGGAAGCGCCACAACCGAAGTGCCATGCCCTT TACCGCTCGCTGCCTCCAGCACTACTGCCAGGGTCATCACAACCCAGTACAACAACCC AGCTGGCTCTACTCTTCTGAAAATATCTCAACTTCAACAATGCCCTGGAGTCAAAGAC TGCTNGCCAGCGNGTGGAGGCGAACAGCAGACCCTTAGACCATGCTCAGCCTCAAGCAG CCTTGTCATCGACAAAGAATCTGAAGTTTACAAGATGCTTCANGAGAAACAGGAGTTGAA TGAGCCCCGAACAGTCCCACGTCTTCTGGTTTTGCAGGGAATCCTGGAGTCTGAAGAA AAGGGGATCCCNACAGCCCTCAGGATTCAGAAGTGTNAAGCTNCTGTCACTAAATGGCT GCGTCGATTGGAATGCTCANAAGTTGCCTTGTGTGACAATGTGCACTGGGATGTTTGGTG GTTTGGAAC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_020992 unedited NGGTCTTTTATGNACGCGGCCGATTCTANGATCGANCTAGTTCTCTCTAGTCTCGAGT TTTTTTTTTTTTTTTTGCTTTGTAGTCTATACATTTATTGAGTAAAAACAAAATCAGT GTCAGACACGTTATATTTGATTGGGTTCAAATTTGGCTGATGTCAAATGCAGCAGAGAA GAACGGTGGGGCGAAGGGACACAGTGTTGCTGACAAGGTGACACTGAACAAAACAGTTTT CCTTTAATTGTAAGCGGGCATCGCACAGCTGGTGTGAGTCAATTAACCAAGGCAGGGA GGGGACTCAATGTTTTACAAGCAGAGGGAAAACCAAAGTAAGCAGAGAACTTTCAAGAGA GGAGAGGGCCAGAACACTGAGAGAAAAAGCTGCAGCAGAGGCCTGCTGGAGAACAGTGGT CAGATCTGCTGGCTCACTTGGGGAACACAGTGACCACTTCATAACCCCTCAGGTGGTGTGA CTCGCTCCCGGCATGCTTCTCAGAGTAGATTTGATCCTCCACAAAGAAATGGCCCTTCT GTTTCAGGTTGGTGCCACAGTCAGTGACACATAAACAACACTCAGGGTGGCGGTGACGGTCCC GCAGCTTCACAAACACACCAACAATCCCAGTGCCACATTTGTACACATAGGCAACTTCT GAGCATTTCCAATCGACGAGCCACTTTAGTGACAGGAGCTTTAACAACCTCTGAATCCTN GAGGCTTGTGGGATCCCTTTTTCTTCAGACTCCAAGATTTCTGCAAAACCAAGAAAG ACGTGGACTGTTTTGGGGCTCATTCAACTCCTGTTTCTCCTGAAGCATCTTGTAACCTT CAGATTCTTGTGATGACAGGCTGCTTTGGAGCTGAGCATGGTCTAN
Restriction Sites:	NotI-NotI
ACCN:	NM_020992
Insert Size:	1650 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:	<u>NM_020992.2, NP_066272.1</u>
RefSeq Size:	1462 bp
RefSeq ORF:	990 bp
Locus ID:	9124
UniProt ID:	<u>O00151</u>
Cytogenetics:	10q23.33
Domains:	PDZ, LIM, ZM
Gene Summary:	This gene encodes a member of the enigma protein family. The protein contains two protein interacting domains, a PDZ domain at the amino terminal end and one to three LIM domains at the carboxyl terminal. It is a cytoplasmic protein associated with the cytoskeleton. The protein may function as an adapter to bring other LIM-interacting proteins to the cytoskeleton. Pseudogenes associated with this gene are located on chromosomes 3, 14 and 17. [provided by RefSeq, Oct 2012]