

Product datasheet for SC322159

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322159

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GCCCGCGCCGCGCGCTCTTTCTCCGACAGCTGCCGGGGTGCCCTGCAAGCTGTTCCCG
GCGTCCTGCCCCGTGTCCCGCGGGTGTGCGCCGCCACAGCCGCGCCATGACCACCCA
GCAGATAGACCTCCAGGGCCCGGGGCGTGGGGCTTCCGCCTCGTGGGCGCAAGGACTT
CGAGCAGCCTCTCGCCATTTCCCGGGTCACTCCTGGAAGCAAGGCGGCTCTAGCTAATTT
ATGTATTGGAGATGTAATCACAGCCATTGATGGGAAAACTAGCAATATGACACACTT
GGAAGCTCAGAACAGAATCAAAGCTGCACAGACAACCTGACTCTCACTGTAGCCAGATC
TGAACATAAAGTCTGGTCTCCTCTGGTGACGGAGGAAGGGAAGCGTCATCCATACAAGAT
GAATTTAGCCTCTGAACCCAGGAGGTCTGCACATAGGAAGCGCCACAACCGAAGTGC
CATGCCCTTTACGCCTCGCCTCCAGCACTACTGCCAGGGTCATCACAACCCAGTA
CAACAACCCAGCTGGCCTCTACTCTTCTGAAAAATATCTCCAATTCAACAATGCCCTGGA
GTCAAAGACTGTGCCAGCGGGTGGAGGCGAACAGCAGACCCTTAGACCATGCTCAGCC
TCCAAGCAGCCTTGTCATCGACAAAGAATCTGAAGTTTACAAGATGCTTCAGGAGAAACA
GGAGTTGAATGAGCCCCGAAACAGTCCACGTCTTTCTTGGTTTTGCAGGAAATCCTGGA
GTCTGAAGAAAAAGGGATCCCAACAAGCCCTCAGGATTCAGAAGTGTTAAAGCTCCTGT
CACTAAAGTGGCTGCGTCGATTGGAATGCTCAGAAGTTGCCTATGTGTGACAAATGTGG
CACTGGGATTGTTGGTGTGTTTGTGAAGCTGCGGGACCGTCACCGCCACCCTGAGTGTTA
TGTGTGCACTGACTGTGGCACCACCTGAAACAGAAGGGCCATTTCTTTGTGGAGGATCA
AATCTACTGTGAGAAGCATGCCCGGGAGCGAGTCACACCACCTGAGGGTTATGAAGTGGT
CACTGTGTTCCCAAGTGAGCCAGCAGATCTGACCACTGTTCTCCAGCAGGCCTCTGCTG
CAGCTTTTTCTCTCAGTGTCTGCCCCTCTCCTCTCTTGAAGTTCTCTGCTTACTTTGG
TTTTCCCTCTGCTTGTAACCATTTGAGTCCCCTCCCTGCCTTGGTTAATTGACTCACACC
AGCTGTGCGATGCCCGCTTTTACAATTAAGGAAAACTGTTTTGTTCAGTGTACCTTGT
CAGCAACACTGTGTCCCTTCGCCCCACCGTTTCTCTGCTGCATTTGGACATCAGCCAA
ATTTGAACCCAATCAAATATAACGTGTCTGACACTGATTTGTTTTTACTCAATAAATGT
ATAGACTACAAAAAAAAAAAAA

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Restriction Sites:	Please inquire
ACCN:	NM_020992
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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</u> , <u>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]