

Product datasheet for **SC330427**

PDLIM5 (NM_001256429) Human Untagged Clone

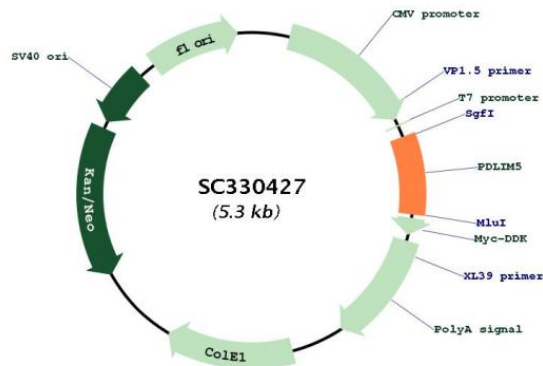
Product data:

Product Type: Expression Plasmids
Product Name: PDLIM5 (NM_001256429) Human Untagged Clone
Tag: Tag Free
Symbol: PDLIM5
Synonyms: ENH; ENH1; L9; LIM
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330427 representing NM_001256429.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAGCAACTACAGTGTGTCACTGGTTGGCCAGCTCCTTGGGGTTCCGGCTGCAGGGCGGTAAGGAT
 TTCAACATGCCTCTGACAATCTCTAGTGTGGAGTGCAGTGGCGCAATCTCGGCTCACCACAACCTCCA
 TCTCCCGAGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGATTACAGGCATGTGCCACCA
 CGCCTGGTAATTTTGTATTTTGTAGTAGAGACCAAGTTCCCTATGTTGGTCAGGCTGGTCTTGAAGTC
 CCGACCTCAGGTGATCTGCCACCTCGGCTCCCAAAGTGCTAAGATTACAGGCGTGAGCCACCGTGCC
 TGGCCCACTGTTTTATACTTTGCTTTTTTTTGAACAATTTACCTGAGATCATTCTCTATTAA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001256429



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Insert Size:	411 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:	<ol style="list-style-type: none">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_001256429.1</u>
RefSeq Size:	1223 bp
RefSeq ORF:	411 bp
Locus ID:	10611
UniProt ID:	<u>Q96HC4</u>
Cytogenetics:	4q22.3
Protein Families:	Druggable Genome
MW:	15.1 kDa
Gene Summary:	<p>This gene encodes a member of a family of proteins that possess a 100-amino acid PDZ domain at the N terminus and one to three LIM domains at the C-terminus. This family member functions as a scaffold protein that tethers protein kinases to the Z-disk in striated muscles. It is thought to function in cardiomyocyte expansion and in restraining postsynaptic growth of excitatory synapses. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (9) lacks several central and 3' exons but contains an alternate 3' exon, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (i) has the same N-terminus but has a distinct and significantly shorter C-terminus, compared to isoform a.</p>