

Recombinant Human PDLIM5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDLIM5-4644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDLIM5 MS Standard C13 and N15-labeled recombinant protein (NP_006448) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	64 kDa
AA Sequence	MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGGKAAQANVRIGDVVLSIDGIN AQQMTHLEAQNKIKGCTGSLNMTLQRASAAPKPEPVPVQKGEPEVVKPVPITSPA VSKVTSTNNMAYNKAPRPFSGSVSSPKVTSIPSPSSAFTPAHATTSSHASPSVAAVT PPLFAASGLHANANLSADQSPSALSAGKTAVNVPRQPTVTSVCSETSQELAEGQRR GSQGDSKQQNGPPRKHIVERYTEFYHVPHSDASKKRLIEDTEDWRPRTGTTQSRS FRILAQITGTEHLKESEADNTKKANNSQEPSPQLASSVASTRSMPESLDSPTSGRPG VTSLTAAAFKPVGSTGVKSPSWQRPNQGVPTGRISNSAAYSGSVAPANSALGQ

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TQPSDQDTLVQRAEHIPAGKRTPMCAHCNQVIRGPFLVALGKSWHPPEEFNCAHCK
 NTMAYIGFVVEEKGALYCELCYEKFFAPECGRCQRKILGEVINALKQTWHVSCFVCVA
 CGKPIRNNVHLEDGEPYCETDYYALFGTICHGCEFFIEAGDMFLEALGYTWHDTCF
 VCSVCCESLEGQTFFSKKDKPLCKKHAHSVNFTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [PDLIM5 PDZ and LIM domain 5 \[Homo sapiens \(human\) \]](#)

Official Symbol [PDLIM5](#)

Synonyms PDLIM5; PDZ and LIM domain 5; PDZ and LIM domain protein 5; Enh; LIM; enigma homolog; enigma-like LIM domain protein; enigma-like PDZ and LIM domains protein; L9; ENH; ENH1;

Gene ID [10611](#)

mRNA Refseq [NM_006457](#)

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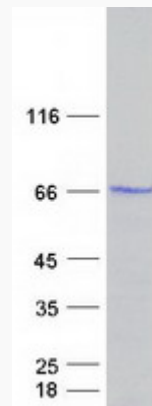
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Protein Refseq NP_006448

MIM 605904

UniProt ID Q96HC4

SDS-PAGE



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