

Recombinant Full Length Human PDLIM5 Protein, C-Flag-tagged

Cat. No. PDLIM5-1606HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PDLIM5 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	63.8 kDa
AA Sequence	MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGGKAAQANVRIGDVVLSIDGIN AQGMTHLEAQNKI KGCTGSLNMTLQRASAAPKPEPVPVQKGEPKEVVKVPVITSPA VSKVTSTNNMAYNKAPRPFQSVSSPKV TSIPSPSSAFTPAHATTSSHASPSVAAVT PPLFAASGLHANANLSADQSPSALSAGKTAVNVPRQPTVT SVCSETSQELAEGQR RGSQGDSKQQNGPPRKHIVERYTEFYHVPTHSDASKKR LIEDTEDWRPRTGTTQS RSFRILAQITGTEHLKESEADNTKKANNSQEPSPQLASSVASTRSMPESLDSPTSGR

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PGVTSLTAAAFK PVGSTGVIKSPSWQRPNQGVSTGRISNSAAYSGSVAPANSAL
GQTQPSDQDTLVQRAEHIPAGKRTPMC AHCNQVIRGPFLLVALGKSWHPPEFNCAH
CKNTMAYIGFVEEKGALYCELCYEKFFAPECGRCQRKILGEV INALKQTHVSCFV
CVACGKPIRNNVFHLEDGEPYCETDYALFGTICHGCEFPFIEAGDMFLEALGYTWH
DTCFVCSVCCESLEGQTFFSKKDKPLCKKHAHSVNFTRTRPLEQKLISEEDLAANDIL
DYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

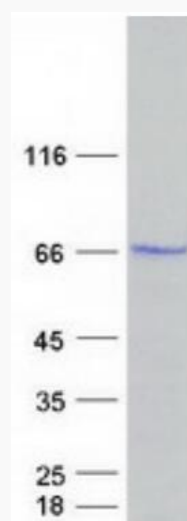
Gene Name	PDLIM5 PDZ and LIM domain 5 [Homo sapiens (human)]
Official Symbol	PDLIM5
Synonyms	L9; ENH; LIM; ENH1

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Gene ID	10611
mRNA Refseq	NM_006457.5
Protein Refseq	NP_006448.5
MIM	605904
UniProt ID	Q96HC4



Coomassie blue staining of purified PDLIM5 protein.