

## Product datasheet for PH300592

### PDLIM5 (NM\_006457) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PDLIM5 MS Standard C13 and N15-labeled recombinant protein (NP_006448)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200592
Predicted MW:	64 kDa
Protein Sequence:	>RC200592 protein sequence Red=Cloning site Green=Tags(s)

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGKAAQANVRIGDVVLSIDGINAQQGMTHLEAQNKI  
KGCTGSLNMTLQRASAAPKPEPVVQKGEPEVVKVPVITSPAVSKVTSTNNMAYNKAPRPFSGVSSPKV  
TSIPSPSSAFTPAHATTSSHASPSVAAYTPPLFAASGLHANANLSADQSPSALSAGKTAVNVPRQPTVT  
SVCSETSQELAEGQRRGSQGDSKQNGPPRKHIVERYTEFYHVPHTSDASKKRLIEDTEDWRPRTGTTQS  
RSFRILAQITGTEHLKESEADNTKKANNSQEPSQLASSVASTRSMPELDSPTSGRPGVTLTAAAFK  
PVGSTGVIKSPSWQRPNGVPTGRISNSAAYSGSVAPANSALGQTQPSDQDTLVQRAEHIPAGKRTPMC  
AHCNQVIRGPFLVALGKSWHPEEFNCAHCKNTMAYIGFVEEKGALYCELCYEKFFAPECGRCQRKILGEV  
INALKQTHVHVSFCVACGKPIRNNVFHLEDGEPYCETDYALFGTICHGCEFPFIEAGDMFLEALGYTWH  
DTCFVCSVCCESLEGQTFFSKKDKPLCKKHAHSVNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006448</a>
RefSeq Size:	6132
RefSeq ORF:	1788



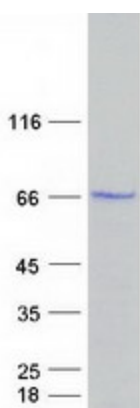
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**Synonyms:** ENH; ENH1; L9; LIM  
**Locus ID:** 10611  
**UniProt ID:** [Q96HC4](#), [A0A024RDE8](#)  
**Cytogenetics:** 4q22.3

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified PDLIM5 protein (Cat# [TP300592]). The protein was produced from HEK293T cells transfected with PDLIM5 cDNA clone (Cat# [RC200592]) using MegaTran 2.0 (Cat# [TT210002]).