

## Product datasheet for **TP300592L**

### **PDLIM5 (NM\_006457) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human PDZ and LIM domain 5 (PDLIM5), transcript variant 1, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200592 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGGKAAQANVRIGDVVLSIDGINAQGMTHLEAQNKI  
KGCTGSLNMTLQRASAAPKPEPVPVQKGEPKEVVKVPITSPAVSKVTSTNNMAYNKAPRPFSGVSSPKV  
TSIPSPSSAFTPAHATTSSHASPSVAAVTPPLFAASGLHANANLSADQSPSALSAGKTAVNVPRQPTVT  
SVCSETSQELAEGQRRGSQGDASKQNGPPRKHIVERYTEFYHVPHSDASKKRLEDIEDWRPRTGTTQS  
RSFRILAQITGTEHLKESEADNTKKANNSQEPSPQLASSVASTRSMPELSDSPTSGRPGVTSLTAAAFK  
PVGSTGVIKSPSWQRPNQGVPTGRISNSAAYSQSVAPANSALGQTQPSDQDTLVQRAEHIPAGKRTPMC  
AHCNQVIRGPFLVALGKSWHPPEFNCAHCKNTMAYIGFVEEKGALYCELCYEKFFAPECGRCQRKILGEV  
INALKQTWVHSCFVCVACGKPIRNNVFHLEDGEPYCETDYYALFGTICHGCEFFIEAGDMFLEALGYTWH  
DTCFVCSVCCESLEGQTFFSKDKPLCKKHAHSVNF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

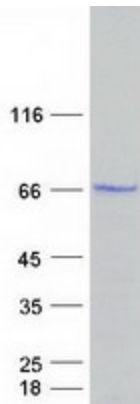
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	63.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006448</a>
<b>Locus ID:</b>	10611
<b>UniProt ID:</b>	<a href="#">Q96HC4</a> , <a href="#">A0A024RDE8</a>
<b>RefSeq Size:</b>	6132
<b>Cytogenetics:</b>	4q22.3
<b>RefSeq ORF:</b>	1788
<b>Synonyms:</b>	ENH; ENH1; L9; LIM
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).