

Product datasheet for **TP300592M**

PDLIM5 (NM_006457) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PDZ and LIM domain 5 (PDLIM5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200592 protein sequence Red =Cloning site Green =Tags(s)

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGGKAAQANVRIGDVLSIDGINAQGMTHLEAQNKI
KGCTGSLNMTLQRASAAPKPEPVPVQKGEPEVVKPVPITSPAVSKVTSTNNMAYNKAPRPFSGVSSPKV
TSIPSPSSAFTPAHATTSSHASPSVAAVTPPLFAASGLHANANLSADQSPSALSAGKTAVNVPRQPTVT
SVCSETSQELAEGQRRGSQGDSKQNGPPRKHIVERYTEFYHVPHSDASKKRLEDTEDWRPRTGTTQS
RSFRILAQITGTEHLKESEADNTKKANNSQEPSPQLASSVASTRSMPELSDSPTSGRPGVTSLTAAAFK
PVGSTGVIKSPSWQRPNQGVPTGRISNSAAYSQSVAPANSALGQTQPSDQDTLVQRAEHIPAGKRTPMC
AHCNQVIRGPFLVALGKSWHPEEFNCAHCKNTMAYIGFVEEKGALYCELCYEKFFAPECGRCQRKILGEV
INALKQTWVHSCFVCVACGKPIRNNVFHLEDGEPYCETDYYALFGTICHGCEFFIEAGDMFLEALGYTWH
DTCFVCSVCCESLEGQTFFSKDKPLCKKHAHSVNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

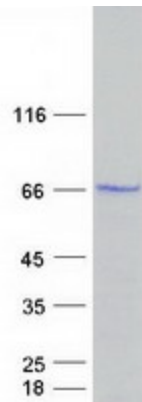
Tag:	C-Myc/DDK
Predicted MW:	63.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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