

## Product datasheet for TP509208

### Pdlim5 (NM\_019808) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PDZ and LIM domain 5 (Pdlim5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209208 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSNYSVSLVGPAPWGFRLQGGKDFNMPLTISSLKDGGKASQAHVRIGDVLSIDGISAQGMTHLEAQNKI  
KACMGSLNMTLQRASAAAKSEPVSVQKGEPEKVVKVPITSPAVSKVTSTTNMAYNKAPRPFQSVSSPKV  
TSIPSPSSAFTPAHAATSSHASPTPVAAATPLHLSASGLHVSANLSADQCSSPPNTGKPAVNVPRQPTVT  
SVCSESAQELAEGQRRGSQGDQKQNGPPRKHIVERNTEFYHIPHTSDASKKRLIEDTEDWRPRTGTTQS  
RSFRILAQITGTEHLTESENDNTKKANSTQEPSQQPASSGASPLSASEGPESGSSRPSVAGLRSAFAFK  
PVGSTSVKSPSWQRPNQAAPSTGRISNNARSSGTGASVGGPPQPSDQDTLVQRAEHIPAGKRTPMCAHCNQ  
VIRGPFVLALGKSWHPEEFNCAHCKNTMAYIGFVEEKALYCELCYEKFFAPECGRCQRKILGEVINALK  
QTVHVSFCVACGKPIRNNVFHLEDGEPYCETDYALFGTICRGCEFPPIEAGDMFLEALGYTWHDTFCV  
CSVCCESLEGQTFSSKDKPLCKKHAHSVNF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	63.3 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_062782</a>
Locus ID:	56376
UniProt ID:	<a href="#">Q8CI51</a>
RefSeq Size:	5039
Cytogenetics:	3 H1
RefSeq ORF:	1776
Synonyms:	1110001A05Rik; AI987914; C87059; Enh; Enh1; Enh2; Enh3; LIM
Summary:	May play an important role in the heart development by scaffolding PKC to the Z-disk region. Isoform 2 and isoform 3 may negatively modulate the scaffolding activity of isoform 1. May play a role in the regulation of cardiomyocyte expansion. Overexpression promotes the development of heart hypertrophy. Contributes to the regulation of dendritic spine morphogenesis in neurons. May restrain postsynaptic growth of excitatory synapses (By similarity).[UniProtKB/Swiss-Prot Function]