

Recombinant Mouse Pdlim5 Protein, Myc/DDK-tagged

Cat. No. Pdlim5-4773M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PDZ and LIM domain 5 (Pdlim5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	<p>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.</p> <p>Overexpression promotes the development of heart hypertrophy. Contributes to the regulation of dendritic spine morphogenesis in neurons. May restrain postsynaptic growth of excitatory synapses.</p>
Molecular Mass	63.3 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Pdlim5 PDZ and LIM domain 5 [*Mus musculus* (house mouse)]

Official Symbol Pdlim5

Synonyms PDLIM5; PDZ and LIM domain 5; PDZ and LIM domain protein 5; enigma homolog; enigma-like PDZ and LIM domains protein; Enh; LIM; Enh1; Enh2; Enh3; C87059; AI987914; 1110001A05Rik

Gene ID 56376

mRNA Refseq NM_019808

Protein Refseq NP_062782

UniProt ID Q8CI51

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