

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	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.
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

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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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