

Recombinant Mouse Pdlim1 Protein, Myc/DDK-tagged

Cat. No. Pdlim1-4770M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PDZ and LIM domain 1 (elfin) (Pdlim1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton. Involved in assembly, disassembly and directioning of stress fibers in fibroblasts. Required for the localization of ACTN1 and PALLD to stress fibers. Required for cell migration and in maintaining cell polarity of fibroblasts.
Molecular Mass	35.8 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Pdlim1 PDZ and LIM domain 1 (elfin) [Mus musculus (house mouse)]
Official Symbol	Pdlim1
Synonyms	PDLIM1; PDZ and LIM domain 1 (elfin); PDZ and LIM domain protein 1; elfin; LIM domain protein CLP-36; C-terminal LIM domain protein 1; carboxyl terminal LIM domain protein 1; Clim1; mClim1
Gene ID	54132
mRNA Refseq	NM_016861
Protein Refseq	NP_058557
UniProt ID	O70400

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