

Recombinant Mouse Pdlim7 Protein, Myc/DDK-tagged

Cat. No. Pdlim7-4774M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PDZ and LIM domain 7 (Pdlim7), transcript variant a, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May function as a scaffold on which the coordinated assembly of proteins can occur. May play a role as an adapter that, via its PDZ domain, localizes LIM-binding proteins to actin filaments of both skeletal muscle and nonmuscle tissues. Involved in both of the two fundamental mechanisms of bone formation, direct bone formation (e.g. embryonic flat bones mandible and cranium), and endochondral bone formation (e.g. embryonic long bone development). Plays a role during fracture repair. Involved in BMP6 signaling pathway.
Molecular Mass	50.6 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 Pdlim7 PDZ and LIM domain 7 [*Mus musculus* (house mouse)]

Official Symbol Pdlim7

Synonyms PDLIM7; PDZ and LIM domain 7; PDZ and LIM domain protein 7; LMP; protein enigma; LIM mineralization protein; Enigma; AV007930; 1110003B01Rik; 2410002J21Rik

Gene ID 67399

mRNA Refseq NM_001114088

Protein Refseq NP_001107560

UniProt ID Q3TJD7

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