

Recombinant Human PDLIM3 cell lysate

Cat. No. PDLIM3-1324HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene contains a PDZ domain and a LIM domain, indicating that it may be involved in cytoskeletal assembly. In support of this, the encoded protein has been shown to bind the spectrin-like repeats of alpha-actinin-2 and to colocalize with alpha-actinin-2 at the Z lines of skeletal muscle. This gene is found near a region of chromosome 4 that has been implicated in facioscapulohumeral muscular dystrophy, but this gene does not appear to be involved in the disease. Two transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PDLIM3 PDZ and LIM domain 3 [Homo sapiens]
Official Symbol	PDLIM3

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Synonyms	PDLIM3; PDZ and LIM domain 3; PDZ and LIM domain protein 3; ALP; enigma homolog; alpha-actinin-2-associated LIM protein; FLJ26096; DKFZp686L0362;
Gene ID	27295
mRNA Refseq	NM_001114107
Protein Refseq	NP_001107579
MIM	605889
UniProt ID	Q53GG5
Chromosome Location	4q35
Function	actinin binding; metal ion binding; structural constituent of muscle; zinc ion binding;

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