

Recombinant Human PDLIM3 cell lysate

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

SPECIFICATION

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
Synonyms	PDLIM3; PDZ and LIM domain 3; PDZ and LIM domain protein 3; ALP; enigma

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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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