

## Recombinant Human PDLIM3 Protein, His-tagged

Cat. No. PDLIM3-822H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant human PDLIM3 protein, fused to His tag at N-terminus, was expressed in E. coli.

**Species** Human

**Source** E.coli

**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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Aberrant alternative splicing of this gene may play a role in myotonic dystrophy. [provided by RefSeq, Apr 2012]

**Form** 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.

**Molecular Mass** 39.1 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	PDZ and LIM domain 3[ Homo sapiens ]
<b>Official Symbol</b>	PDLIM3
<b>Synonyms</b>	ALP
<b>Gene ID</b>	27295
<b>mRNA Refseq</b>	NM_001114107.4
<b>Protein Refseq</b>	NP_055291
<b>MIM</b>	605889
<b>UniProt ID</b>	Q53GG5

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