

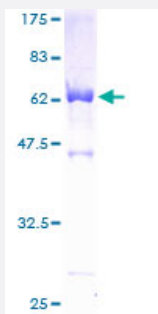
Full-Length

## PDLIM3 (Human) Recombinant Protein (P01)

Catalog # H00027295-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human PDLIM3 full-length ORF ( AAH27870, 1 a.a. - 316 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MPQTVILPGPAPWGFRLSGGIDFNQPLVITRITPGSKAAAANLCPGDVILAIIDGFGTESMTHADAQD  
RIKAAAHQLCLKIDRGETHLWSPQVSEDGKAHPFKINLESEPQEFKPIGTAHNRRRAQPFVAAANID  
DKRQVVSASYNPIGLYSTNIQDALHGQLRGLIPSSPQNEPTASVPPESDVYRMLHDNRNEPTQ  
PRQSGSFRVLQGMVDDGSDDRPAGTRSVRAPVTKVHGGSGGAQRMPLCDKCGSGIVGAVVKA  
RDKYRHPECFVCADCNLNLKQKGYFFIEGELYCETHARARTKPPEGYDVTLYPKA

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

60.5

#### Interspecies Antigen Sequence

Rat (68)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PDLIM3

**Entrez GeneID**[27295](#)**GeneBank Accession#**[BC027870](#)**Protein Accession#**[AAH27870](#)**Gene Name**

PDLIM3

**Gene Alias**

ALP, DKFZp686L0362

**Gene Description**

PDZ and LIM domain 3

**Omim ID**[605889](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 line 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. [provided by RefSeq]

**Other Designations**

PDZ and LIM domain protein 3|alpha-actinin-2-associated LIM protein|enigma homolog

## Disease

- [Cardiomyopathy](#)