

Datasheet for ABIN7557067  
**PDLIM7 Protein (AA 1-457) (His tag)**



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## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | PDLIM7  |
| Protein Characteristics:      | AA 1-457                                      |
| Origin:                       | Mouse   |
| Source:                       | HEK-293 Cells                                 |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This PDLIM7 protein is labelled with His tag. |

## Product Details

|              |  |
|--------------|--|
| Purpose:     | Custom-made recombinant Pdlim7 Protein expressed in mammalian cells.   |
| Sequence:    | MDSFKVVLEG PAPWGFRLQG GKDFNVPLSI SRLTPGGKAA QAGVAVGDWV LNIDGENAGS<br>LTHIEAQNKI RACGERLSLG LSRAQPVQSK PQKALTPPAD PPRYTFAPSA SLNKTRPFG<br>APPPTDSTLR QNGQLLRQPV PDASKQRLME DTEDWRPRPG TGQSRSFRIL AHLTGTEFMQ<br>DPDEEFMKKS SQVPRTEAPA PASTIPQESW PGPTTPTSPTS RPPWAVDPAF AERYAPDKTS<br>TVLTRHSQPA TPTPLQNRTS IVQAAAGGGT GGGSNNGKTP VCHQCHKIIR GRYLVALGHA<br>YHPEEFVCSQ CGKVLEEGGF FEEKGAIFCP SCYDVRYAPN CAKCKKITG EIMHALKMTW<br>HVHCFTCAAC KTIPIRNFAY MEEGAPYCER DYEKMGFTKC RGCDFKIDAG DRFLEALGFS<br>WHDTCFVCAI CQINLEGKTF YSKKDKPLCK SHAFSHV <b>Sequence without tag. The proposed<br/>Purification-Tag is based on experiences with the expression system, a different complexity<br/>of the protein could make another tag necessary. In case you have a special request, please<br/>contact us.</b> |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different  |

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

PDLIM7

### Alternative Name:

Pdlim7 ([PDLIM7 Products](#))

### Target Type:

Viral Protein

### Background:

PDZ and LIM domain protein 7 (LIM mineralization protein) (LMP) (Protein enigma),FUNCTION: 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 (By similarity). {ECO:0000250}.

### Molecular Weight:

50.1 kDa

### UniProt:

[Q3TJD7](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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