

Datasheet for ABIN7554919
PDLIM7 Protein (AA 1-457) (His tag)



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Overview

Quantity:	1 mg
Target:	PDLIM7
Protein Characteristics:	AA 1-457
Origin:	Human
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 LSIDGENAGS LTHIEAQNKI RACGERLSLG LSRAQPVQSK PQKASAPAAD PPRYTFAPSV SLNKTARPFQ APPPADSAPQ QNGQPLRPLV PDASKQRLME NTEDWRPRPG TGQSRFRIL AHLTGTEFMQ DPDEEHLKKS SQVPRTEAPA PASSTPQEPW PGPTAPSPTS RPPWAVDPAF AERYAPDKTS TVLTRHSQPA TPTPLQSRYS IVQAAAGGVP GGGSNNGKTP VCHQCHKVIR GRYLVALGHA YHPEEFVCSQ CGKVLEEGGF FEEKGAIFCP PCYDVRYAPS CAKCKKKITG EIMHALKMTW HVHCFTCAAC KTIPIRNFAY MEEGVPCER DYEKMGFTKC HGCDFKIDAG DRFLEALGFS WHDTCFVCAI CQINLEGKTF YSKKDRPLCK SHAFSHV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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

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, ECO:0000269|PubMed:11874232, ECO:0000269|PubMed:7929196}.

Molecular Weight:

49.8 kDa

UniProt:

[Q9NR12](#)

Application Details

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.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
