

Datasheet for ABIN7562496

LIM Domain Binding 2 Protein Protein (AA 1-373) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LIM Domain Binding 2 Protein (LDB2)
Protein Characteristics:	AA 1-373
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIM Domain Binding 2 Protein protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ldb2 Protein expressed in mammalian cells.
Sequence:	MSSTPHDPFY SSPFGPFYRR HTPYMVQPEY RIYEMNKRLQ SRTESDNLW WDAFATEFFE DDATLTLSFC LEDGPKRYTI GRTLIPRYFS TVFEGGVTDL YYILKHSKES YHNSSITVDC DQCAMVTQHG KPMFTKVCTE GRLILEFTFD DLMRIKTWHF TIRQYRELVP RSILAMHAQD PQVLDQLSKN ITRMGLTNFT LNYLRLCVIL EPMQELMSRH KTYNLSPRDC LKTCLEFQKWQ RMVAPPAEPT RQPTTKRRKR KNSTSSTSNS SAGNTTNSAG SKKKTAAASL SLATQVPDVM VVGEP TLMGG EFGDEDERLI TRLENTQYDA ANGM DDEEDF NNSPALGNNS PWNSKPPATQ ETKSENAPPQ ASQ 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 isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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:	LIM Domain Binding 2 Protein (LDB2)
Alternative Name:	Ldb2 (LDB2 Products)
Background:	LIM domain-binding protein 2 (LDB-2) (Carboxyl-terminal LIM domain-binding protein 1) (CLIM-1) (LIM domain-binding factor CLIM1),FUNCTION: Transcription cofactor (PubMed:9192866). Binds to the LIM domain of a wide variety of LIM domain-containing transcription factors (PubMed:9192866). {ECO:0000269 PubMed:9192866}., FUNCTION: [Isoform 1]: Regulates the transcriptional activity of LIM-containing proteins such as LHX3 or PITX1. {ECO:0000269 PubMed:9192866}.
Molecular Weight:	42.7 kDa
UniProt:	O55203
Pathways:	Stem Cell Maintenance

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.
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Application Details

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