

Datasheet for ABIN7549009

## LIM Domain Binding 3 Protein Protein (AA 1-727) (His tag)



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### Overview

Quantity:	1 mg
Target:	LIM Domain Binding 3 Protein (LDB3)
Protein Characteristics:	AA 1-727
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIM Domain Binding 3 Protein protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant LDB3 Protein expressed in mammalian cells.
Sequence:	<p>MSYSVTLTGP GPWGFRLQGG KDFNMPLTIS RITPGSKAAQ SQLSQGDLVV AIDGVNTDTM</p> <p>THLEAQNKIK SASYNLSLTL QKSKRPIPISTTAPPVQTPL PVIHQKDPA LDTNGSLVAP</p> <p>SPSPEARASP GTPGTPELRP TFSPAFSRPS AFSSLAESD PGPPRASLRA KTSPEGARDL</p> <p>LGPKALPGSS QPRQYNNPIG LYSAETLREM AQMYQMSLRG KASGVGLPGG SLPIKDLAVD</p> <p>SASPVYQAVI KSQNKPEDEA DEWARRSSNL QSRSFRI LAQ MTGTEFMQDP DEEALRRSST</p> <p>PIEHAPVCTS QATTPLLPAS AQPPAAASPS AASPPLATAA AHTAIASAST TAPASSPADS</p> <p>PRPQASSYSP AVAASSAPAT HTSYSEGPAA PAPKPRVTT ASIRPSVYQP VPASTYSPSP</p> <p>GANYSPPTYT PSPAPAYTPS PAPAYTPSPV PTYTPSPAPA YTPSPAPNYN PAPSVAYSGG</p> <p>PAEPASRPPW VTDDSFQKF APGKSTTSIS KQTLPRGGPA YTPAGPQVPP LARGTVQRAE</p> <p>RFPASSRTPL CGHCNNVIRG PFLVAMGRSW HPEEFTCAYC KTSADVCFV EEQNNVYCER</p> <p>CYEQFFAPLC AKCNTKIMGE VMHALRQTDWH TTCFVCAACK KPFGNSLFHM EDGEPTYCEKD</p> <p>YINLFSTKCH GCDFPVEAGD KFIEALGHTW HDTCFICAVC HVNLEGQPFY SKKDRPLCKK</p>

## Product Details

**HAHTINL 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:

- 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 3 Protein (LDB3)

**Alternative Name:** LDB3 ([LDB3 Products](#))

**Background:** LIM domain-binding protein 3 (Protein cypher) (Z-band alternatively spliced PDZ-motif protein),FUNCTION: May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton. {ECO:0000305}.

**Molecular Weight:** 77.1 kDa

**UniProt:** [O75112](#)

## 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