

Product datasheet for **MR218271**

Ldb3 (NM_001039072) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_001039072) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ldb3
Synonyms:	AW742271; PDLIM6; ZASP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR218271 representing NM_001039072
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTTACAGTGTGACTCTGACTGGGCCCTGGGCCCTGGGGCTTCGGTCTGCAGGGAGGCAAGGACTTCA
 ACATGCCCTCACTATCTCCCGGATCACTCCAGGCAGCAAGGCAGCCAGTCCCAGCTCAGCCAAGGAGA
 CCTGGTGGTGGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG
 TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCCTATCCCATCTCCACGACAGCGC
 CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGTGGTAGCCAATTCTCCAGCCAATGCTGA
 CTACCAGAAACGCTTCAACCCAGCGTCTGAAGGACTCAGCCCTGTCCACCCACAAGCCATTGAAGTG
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 ATGCTATCATGGACGCCATCGCGGGCAGGCCAGGCCAGGGCAGTGACTTCAGTGGGAGCCTCCCTGT
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 GCCCTGCCGAAGTCCCGTGGAGAATCCGAGGCCACAGGCCTCTGCTTACAGTCTGCAGCCGCCGCTTC
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 ATCTGTGCCAAATGTAACACCAAATCATGGGGGAAGTATGCACGCTCTGCGACAGACATGGCACACCA
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 TGAATCTGGAGGTCAGCCATTCTACTAAGAAAGACAAACCACTGTGCAAGAAGCAGGCACATGCCAT
 CAACGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218271 representing NM_001039072
Red=Cloning site Green=Tags(s)

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MSYSVTLTGPWPWFRLQGGKDFNMPLTISRITPGSKAAQSQLSQGDLVVAIDGVNTDTMTHLEAQNKIK
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DEADEWARRSSNLQSRFRILAQMTGTEYMQDPDEEALRRSSTPIEHAPVCTSQTSPLLPASAQSPAAA
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AERFPASSRTPLCGHCNNVIRGPFLVAMGRSWHPEEFNCA YCKTSLADVCFVEEQNNVYCERCYEQFFAP
ICAKCNTKIMGEVMHALRQTWHTTCFVCAACKKPFGNSLFHMEDGEPYCEKDYINLFSTKCHGCDPVEA
GDKFIEALGHTWHDTCFICAVCHVNLEGQPFYSKKDKPLCKKHAHAINV
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001039072

ORF Size: 2037 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001039072.2](#), [NP_001034161.1](#)

RefSeq Size: 4908 bp

RefSeq ORF: 2040 bp

Locus ID: 24131

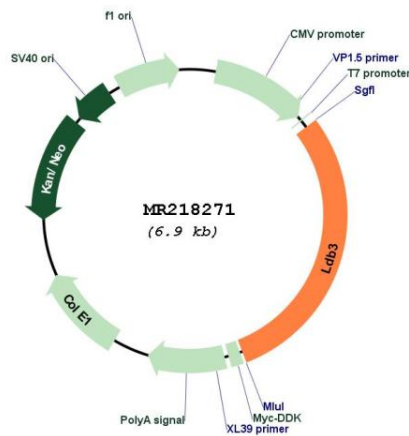
UniProt ID: [Q9JKS4](#)

Cytogenetics: 14 B

MW: 72.8 kDa

Gene Summary: May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218271