

Product datasheet for MR219046

Ldb3 (NM_001039076) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_001039076) 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)
ORF Nucleotide Sequence:	>MR219046 representing NM_001039076 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTACAGTGTGACTCTGACTGGGCCTGGGCCCTGGGGCTCCGTCTGCAGGGAGGCAAGGACTTCA
ACATGCCCTCACTATCTCCGGATCACTCCAGGCAGCAAGGCAGCCAGTCCCAGCTCAGCCAAGGAGA
CCTGGTGGTGGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAGATCAAG
TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCTATCCCATCTCCACGACAGCGC
CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGACCCTGCTCTGGACACGAACGGCAGCCT
GGCGACTCCCAGCCCAGCCCTGAGGCAAGGGCCAGCCAGGCGCCCTGGAGTTCGGGGACACCTTTAGC
TCCTCCTTCTCCAGACCTCTGTCTGCAGCCACTCATGGAGGCCTCGGGCCTGTCTTCTCTGGGTA
GCCAGTGGCCAAGGCCAGCTCAGAGGGTGCACAGGGCTCAGTCAGCCCCAAAGTTCTGCCAGGCCCCAG
CCAACCGAGGCAATATAACAACCCATTGGCCTGTACTCAGCAGAGACCTGAGGGAGATGGCTCAGATG
TATCAGATGAGCCTCCGAGGGAAGGCCTCAGGTGCTGGACTCCTAGGAGGGAGCCTCCCTGTGAAAGACT
TGGCGGTGGACAGCGCCTCTCCTGTGTACCAGGCTGTGATCAAAACCCAAAGCAAGCCGGAAGATGAGGC
TGATGAGTGGGCCCGCCGGTCTCCAACCTGCAGTCTCGCTCCTCCGCATCTGGCCAGATGACCGGG
ACAGAATACATGCAAGACCCTGATGAAGAGGCTCTGCAAGGTCAAGGAAAGTTTGAACGGAACGTA
ACAGCCCACGTTTTGCCAAATTGCGCAACTGGCACACGGCCTTCAGCCCAAATCCTTAATGTTAAAAG
C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR219046 representing NM_001039076
 Red=Cloning site Green=Tags(s)

MSYSVTLTGPWPWFRLQGGKDFNMPLTISRITPGSKAAQSQLSQGDLVVAIDGVNTDTMTHLEAQNKIK
 SASYNLSLTLQKSKRPIPISTTAPPIQSPLPVIPHQKDPALDTNGSLATPSPSPEARASPGALEFGDTFS
 SSFSQTSVCSPLMEASGPVLPVLPSPVAKASSEGAQGSVPKVLPGPSQPRQYNNPIGLYSAETLREMAQM
 YQMSLRGKASGAGLLGGSLPVKDLAVDSASPVYQAVIKTQSKPEDEADEWARRSSNLQSRFRILAQMTG
 TEYMQDPDEEALRRSRERFETERNSPRFAKLRNWHHGLSAQILNVKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKVV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001039076

ORF Size: 981 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_001039076.2](#), [NP_001034165.1](#)

RefSeq Size: 1623 bp

RefSeq ORF: 984 bp

Locus ID: 24131

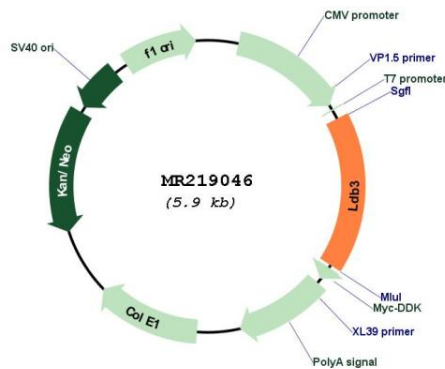
UniProt ID: [Q9JKS4](#)

Cytogenetics: 14 B

MW: 35.6 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 MR219046