

Product datasheet for **MC219818**

Ldb3 (NM_001039073) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_001039073) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ldb3
Synonyms:	AW742271; PDLIM6; ZASP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219818 representing NM_001039073
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTTACAGTGTGACTCTGACTGGGCCTGGGCCTGGGGCTCCGCTGCAGGGAGGCAAGGACTTCA
 ACATGCCCTCACTATCTCCCGGATCACTCCAGGCAGCAAGGCAGCCAGTCCCAGCTCAGCCAAGGAGA
 CCTGGTGGTGGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG
 TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCCTATCCCATCTCCACGACAGCGC
 CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGTGGTAGCCAATTCTCCAGCCAATGCTGA
 CTACCAGGAACGCTTCAACCCAGCGTCTGAAGGACTCAGCCCTGTCCACCCACAAGCCATTGAAGTG
 AAGGGCTTGGGAGGCAAGGCCACTATCATCCACGCTCAGTACAACACCCCGATCAGCATGTACTCACAGG
 ATGCTATCATGGACGCCATCGCGGGCAGGCCAGGCCAGGGCAGTGACTTCAGTGGGGCTCTCCGCT
 GCGGAGCCTCCCTGTAAAGACTTGGCGGTGGACAGCGCCTCTCCTGTGTACCAGGCTGTGATCAAACC
 CAAAGCAAGCCGAAGATGAGGCTGATGAGTGGGCCCGCCGGTCTCCAACCTGCAGTCTCGCTCCTTCC
 GCATCCTGGCCCAGATGACCGGGACAGAATACATGCAAGACCCTGATGAAGAGGCTCTGCGAAGGTCAAG
 GCCACAGGCCCTGCTTACAGTCTGCAGCCGCCGCTTCTCCAGCACCTCTGCCCATACCAGCTACAGC
 GAGGGTCCAGTGCCTTGCACCAAGCCTCGGGTTCGTAACCACTGCCAGCATCCGGCCTTCTGTCTACC
 AGCCAGTGCTGCATCTTCTACAGCCATCTCCAGGAGCCAATTACAGTCCAACCTCCATACCCCTTCC
 GCCAGTCTGCTTATACCCCTCTCCTGCTCCACCTATACCCCTCACCTGCACCTACATACTCCCTTCC
 CCCCTGCACAGCTTATACCCCTCACCTGCCCAAACCTATACCCCTACACCATCAGTGCCTACAGTG
 GGGGCCCTTCAGAATCTGCCAGCCGTCCACCCTGGGTGACCGATGACAGTCTCTCAGAAGTTTGTCTCC
 TGGAAAGAGCACTACCACTGTGCAAGCAGACCCTGCCCGGGGGGCTCCAGCCTACAACCCAACAGGT
 CCACAAGTGACACCTCTTCCAGGGGACCTTCCAGAGAGCTGAGCGCTTCCAGCTAGCAGCCGACTC
 CCCTCTGTGGGCACTGTAACAATGTCATCAGGGGCCCTTTTCTGGTGGCCATGGGCGCTCTTGGCACCC
 AGAAGAGTTCAATTGTGCCTACTGCAAGACCTCCCTAGCAGATGTGTGCTTTGTGGAGGAGCAGAACAAC
 GTTTACTGCGAGCGGTGTACGAGCAGTCTTTGCCCGATCTGTGCCAAATGTAACACCAAAATCATGG
 GGAAGTGATGCACGCTCTGCGACAGACATGGCACACCACCTGCTTTGTCTGTGCAGCCTGCAAGAAGCC
 CTTTGGGAACAGCCTCTCCACATGGAGGATGGAGAGCCATACTGTGAGAAAGACTACATCAACCTGTT
 AGCACCAAGTCCATGGATGCGATTTCCCTGTGGAAGCTGGTACAAGTTTATCGAGGCCCTGGGGCACA
 CCTGGCATGACACCTGCTTCATTTGTGCGGTCTGCCACGTGAATCTGGAGGGTCAGCCATTCTACTCTAA
 GAAAGACAACCCTGTGCAAGAAGCACGCACATGCCATCAACGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039073

Insert Size: 1869 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001039073.2](#), [NP_001034162.1](#)

RefSeq Size: 4737 bp

RefSeq ORF: 1869 bp

Locus ID: 24131

UniProt ID: [Q9JKS4](#)

Cytogenetics: 14 B

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]
Transcript Variant: This variant (4) has multiple differences in the coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform d, which is shorter but with the same N- and C-termini, when it is compared to isoform a.