

Product datasheet for **MC221094**

Ldb3 (NM_011918) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_011918) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ldb3
Synonyms:	AW742271; PDLIM6; ZASP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221094 representing NM_011918
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTTACAGTGTGACTCTGACTGGCCCTGGCCCTGGGGCTCCGCTGCAGGGAGGCAAGGACTTCA
 ACATGCCCTCACTATCTCCCGATCACTCCAGGCAGCAAGGCAGCCAGTCCCAGCTCAGCCAAGGAGA
 CCTGGTGGTGGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG
 TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCCTATCCCATCTCCACGACAGCGC
 CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGACCCTGCTCTGGACACGAACGGCAGCCT
 GCGGACTCCCAGCCCAGCCCTGAGGCAAGGGCCAGCCAGGGCCCTGGAGTTCGGGGACACCTTTAGC
 TCCTCCTTCTCCAGACCTGTCTGCAGCCACTCATGGAGGCCTCGGGCCTGTCTTCTCTGGGTA
 GCCAGTGGCCAAGGCCAGCTCAGAGGGTGCACAGGGCTCAGTCAGCCCCAAAGTTCTGCCAGGCCCCAG
 CCAACCGAGGCAATATAACAACCCATTGGCCTGTACTCAGCAGAGACCCTGAGGGAGATGGCTCAGATG
 TATCAGATGAGCCTCCGAGGGAAGGCCTCAGGTGCTGGACTCCTAGGAGGGAGCCTCCCTGTGAAAGACT
 TGGCGGTGGACAGCGCCTCTCCTGTGTACCAGGCTGTGATCAAAACCCAAAGCAAGCCGGAAGATGAGGC
 TGATGAGTGGGCCCGCCGGTCTCCAACCTGCAGTCTCGCTCCTCCGCATCCTGGCCCAGATGACCGGG
 ACAGAATACATGCAAGACCCTGATGAAGAGGCTCTGCAAGGTCAAGCACCCCTATTGAGCATGTCCAG
 TGTGCACCAGCCAGGCCACTTCCCCGCTGCTGCCTGCTTCTGCCAGTCGCCCGCTGTGCCTCTCCAT
 TGCGGCCCTCGCAACCCCTGGCCACAGTCTGCCACCCATGCTGCTGCCGCTCTGCTGCAGGCCCTGCC
 GCAAGTCCCGTGGAGAATCCGAGGCCACAGGCCCTGCTTACAGTCTGCAGCCGCCCTTCTCCAGCAC
 CCTCTGCCATACCAGCTACAGGAGGGTCCAGCTGCCCTGCACCCAAGCCTCGGGTCTGAACCACTGC
 CAGCATCCGGCCTTCTGTCTACCAGCCAGTGCCTGCATCTTCTACAGCCATCTCCAGGAGCCAATTAC
 AGTCCAACCTCCCTATACCCCTTCGCCAGCTCTGCTTATACCCCTCTCCTGCTCCACCTATACCCCT
 CACCTGCACCTACATACTCCCTTCCCCTGCACCAGCTTATACCCCTCACCTGCCCCAACTATAACCC
 TACACCATCAGCTGCCTACAGTGGGGCCCTTCAAGTCTGCCAGCCGTCCACCTGGGTGACCGATGAC
 AGCTTCTCTCAGAAGTTTGTCTTGAAAGAGCACTACCACTGTCAGCAAGCAGACCCTGCCCGGGGGG
 CTCCAGCTACAACCCACAGGTCCACAAGTGACACCTTGGCCAGGGGACCTTCCAGAGAGCTGAGCG
 CTTCCAGCTAGCAGCCGACTCCCTCTGTGGGCACTGTAACAATGTCATCAGGGGCCCTTTTCTGGT
 GCCATGGGCCGCTTTGGCACCCAGAAGAGTTCAATTGTCCCTACTGCAAGACCTCCCTAGCAGATGTG
 GCTTTGTGGAGGAGCAGAACACGTTTACTGCGAGCGGTGTACGAGCAGTCTTTGCCCGGATCTGTGC
 CAAATGTAACACCAAAATCATGGGGGAAGTGATGCACGCTCTGCGACAGACATGGCACACCACCTGCTT
 GTCTGTGCAGCCTGCAAGAAGCCCTTTGGGAACAGCCTTCCACATGGAGGATGGAGAGCCATACTGTG
 AGAAAGACTACATCAACCTGTTCCAGCACAAGTGCATGGATGCGATTTCCCTGTGGAAGCTGGTGACAA
 GTTTATCGAGGCCCTGGGGCACACCTGGCATGACACCTGCTTCATTTGTGCGGTCTGCCACGTGAATCTG
 GAGGGTCAGCCATTCTACTTAAGAAAGACAAACCACTGTGCAAGAAGCACGCACATGCCATCACGTGT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011918

Insert Size: 2172 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:	<ol style="list-style-type: none">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:	<u>NM_011918.4</u> , <u>NP_036048.3</u>
RefSeq Size:	5040 bp
RefSeq ORF:	2172 bp
Locus ID:	24131
UniProt ID:	<u>Q9JKS4</u>
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 (1) represents the longest transcript and it encodes the longest protein (isoform a).