

Product datasheet for **MC209706**

Ldb3 (NM_001039076) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ldb3 (NM_001039076) 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
 Fully Sequenced ORF: >MC209706 representing NM_001039076
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTTACAGTGTGACTCTGACTGGGCCTGGGCCCTGGGGCTCCGTCTGCAGGGAGGCAAGGACTTCA
 ACATGCCCCCTCACTATCTCCCGGATCACTCCAGGCAGCAAGGCAGCCAGTCCAGCTCAGCCAAGGAGA
 CCTGGTGGTGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG
 TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCCTATCCCATCTCCAGCAGCGC
 CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGACCCTGCTCTGGACACGAACGGCAGCCT
 GGCGACTCCCAGCCCCAGCCCTGAGGCAAGGGCCAGCCAGGCGCCCTGGAGTTCGGGGACACCTTTAGC
 TCCTCCTTCTCCAGACCTCTGTCTGCAGCCCACTCATGGAGGCCTCGGGCCTGTCTTCTCTGGGTA
 GCCCAGTGGCCAAGGCCAGCTCAGAGGGTGCACAGGGCTCAGTCAGCCCCAAAGTTCTGCCAGGCCCCAG
 CCAACCGAGGCAATATAACAACCCATTGGCCTGTACTCAGCAGAGACCTGAGGGAGATGGCTCAGATG
 TATCAGATGAGCCTCCGAGGGAAGGCCTCAGGTGCTGGACTCCTAGGAGGGAGCCTCCCTGTGAAAGACT
 TGGCGGTGGACAGCGCCTCTCCTGTGTACCAGGCTGTGATCAAAACCCAAAGCAAGCCGGAAGATGAGGC
 TGATGAGTGGGCCCGCCGCTCCTCAACCTGCAGTCTCGCTCCTTCCGCATCCTGGCCAGATGACCGGG
 ACAGAATACATGCAAGACCTGATGAAGAGGCTCTGCGAAGGTCAAGGAAAGGTTTGAACGGAACGTA
 ACAGCCCACGTTTTGCCAAATTGCGCAACTGGCACCACGGCCTTTAGCCCAAATCCTTAATGTTAAAG
 CTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001039076



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Insert Size:	984 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_001039076.2</u> , <u>NP_001034165.1</u>
RefSeq Size:	1623 bp
RefSeq ORF:	984 bp
Locus ID:	24131
UniProt ID:	<u>Q9JKS4</u>
Cytogenetics:	14 B
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (7) lacks several segments and uses a different 3' segment in its coding region, compared to variant 1. The resulting protein (isoform g) is shorter with a distinct C-terminus when it is compared to isoform a.</p>