

Product datasheet for **MC209705**

Ldb3 (NM_001039075) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ldb3 (NM_001039075) 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: >MC209705 representing NM_001039075
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTTACAGTGTGACTCTGACTGGGCCTGGGCCCTGGGGCTCCGTCTGCAGGGAGGCAAGGACTTCA
ACATGCCCCTCACTATCTCCCGGATCACTCCAGGCAGCAAGGCAGCCAGTCCCAGCTCAGCCAAGGAGA
CCTGGTGGTGGCCATTGATGGCGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG
TCGGCCAGCTACAACCTGAGCCTCACTCTACAGAAGTCCAAGCGGCCTATCCCATCTCCAGCAGCGC
CTCCCATCCAGTCCCGCTGCCAGTGATCCCCACCAGAAGGTGGTAGCCAATTCTCCAGCCAATGCTGA
CTACCAGGAACGCTTCAACCCAGCGTCTGAAGGACTCAGCCCTGTCCACCCACAAGCCATTGAAGTG
AAGGGCTTGGGAGGCAAGGCCATATCCACGCTCAGTACAACACCCCGATCAGCATGTACTCACAGG
ATGCTATCATGGACGCCATCGCGGGCAGGCCAGGCCAGGGCAGTGACTTCAGTGGGGCGTCTCCGCT
GGCGAGCCTCCCTGTGAAAGACTTGGCGGTGGACAGCGCCTCTCCTGTGTACCAGGCTGTGATCAAACC
CAAAGCAAGCCGGAAGATGAGGCTGATGAGTGGGCCCGCGTCTCCAACCTGCAGTCTCGCTCCTTCC
GCATCCTGGCCCAGATGACCGGGACAGAATACATGCAAGACCTGATGAAGAGGCTCTGCGAAGGTCAAG
GGAAAGGTTTGAACGGAACGTAACAGCCACGTTTTGCCAAATTGCGCAACTGGCACCAGCGCCTTTCA
GCCCAAATCCTTAATGTTAAAAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039075
Insert Size: 867 bp



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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:	NM_001039075.2 , NP_001034164.1
RefSeq Size:	1506 bp
RefSeq ORF:	867 bp
Locus ID:	24131
UniProt ID:	Q9JKS4
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 (6) has multiple differences, including a different 3' segment, in its coding region, compared to variant 1. The resulting protein (isoform f) is shorter and has a distinct C-terminus when it is compared to isoform a.</p>