

Product datasheet for **MC227074**

Ldb2 (NM_001286348) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ldb2 (NM_001286348) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ldb2
Synonyms: AI035351; AW146358; CLIM1; CLP-36; Ldb3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227074 representing NM_001286348
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCAGCACACCACATGACCCTTCTATTCTTCTCCTTTCGGCCATTTTATAGGAGACATACCCAT
ACATGGTACAGCCAGGTACCGAATCTATGAGATGAACAAGACTGCAGTCTCGTACAGAGGACAGTGA
CAACCTCTGGTGGGATGCGTTTGCCACTGAATTTTTGAAGATGATGCCACATTAACACTTTCATTTTGT
TTGGAAGACGGACAAAGCGATACACTATCGGCAGGACCCTATTCCCGTTATTTTAGCACCGTATTTG
AAGGAGGGGTGACAGACCTGTACTACATCCTTAAACACTCAAAGGAGTCATATCACAACCTATCCATCAC
AGTAGACTGCGACCAGTGTGCCATGGTCACACAGCATGGGAAGCCATGTTTACCAAGGTATGCACAGAA
GGCAGGCTGATCTTGAATTCACATTTGATGACCTCATGAGAATAAAACGTGGCACTTTACCATTAGAC
AGTACAGGGAGCTGGTCCCAGAAGCATACTAGCCATGCACGCACAAGATCCTCAGGTCTGGATCAGCT
GTCCAAAAATACACCAGGATGGGTCTCACAACCTCACCTCACTACCTCAGGTTGTGTGTAATACTG
GAGCCAATGCAGGAAGTGTGTCGAGACACAAAACCTACAACCTCAGTCCCGAGACTGCCTGAAGACCT
GTCTGTTTCAGAAGTGGCAGCGGATGGTGGCCCGCCAGCAGAACCACAAGCAACCCACAACCAAAAG
GAGAAAACGAAAAAAGTCCACAAGCAGCAGTCCAATAGCAGTGGCGGGAACACGACCAACAGTGGCCGC
AGCAAGAAGAAGACCCCGCGGCAAGCCTGAGCCTGGCCACTCAGGTACCTGGGCTAGGAGCCATCCCGA
ACTGCAGCCTCAACCCTGGGAGGGATGGAGACCTGTGTCATTCAACAGCAGTGACCCCTTCTGGCCAATT
TAAGGAGAAGCAT**TGA**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286348



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Insert Size:	996 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001286348.1</u> , <u>NP_001273277.1</u>
RefSeq Size:	2667 bp
RefSeq ORF:	996 bp
Locus ID:	16826
UniProt ID:	<u>O55203</u>
Cytogenetics:	5 B3
Gene Summary:	<p>Binds to the LIM domain of a wide variety of LIM domain-containing transcription factors. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate exon in the 3' coding region and differs in the 3' UTR, compared to variant 1. It encodes isoform 3, which is shorter and has a distinct C-terminus, compared to isoform 1.</p>