

Product datasheet for **MR229285**

Ldb2 (NM_001286348) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ldb2 (NM_001286348) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ldb2
Synonyms: AI035351; AW146358; CLIM1; CLP-36; Ldb3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229285 representing NM_001286348
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCCAGCACACCACATGACCCCTTCTATTCTTCTCCTTTCGGCCATTTTATAGGAGACATACCCAT
ACATGGTACAGCCAGAGTACCGAATCTATGAGATGAACAAGAGACTGCAGTCTCGTACAGAGGACAGTGA
CAACCTCTGGTGGGATGCGTTTGGCACTGAATTTTTGAAGATGATGCCACATTAACACTTTCATTTTGT
TTGGAAGACGGACCAAAGCGATACACTATCGGCAGGACCCTATTCCCGTTATTTAGCACCGTATTTG
AAGGAGGGGTGACAGACCTGTACTACATCCTTAAACACTCAAAGGAGTCATATCACAACATCCATCAC
AGTAGACTGCGACCAGTGTGCCATGGTCACACAGCATGGGAAGCCATGTTTACCAAGGTATGCACAGAA
GGCAGGCTGATCTTGAATTCACATTTGATGACCTCATGAGAATAAAAACGTGGCACTTTACCATTAGAC
AGTACAGGGAGCTGGTCCCAGAAGCATACTAGCCATGCACGCACAAGATCCTCAGGTCTGGATCAGCT
GTCCAAAAATATCACCAGGATGGGTCTCACAACCTCACCTCACTACCTCAGGTTGTGTGTAATACTG
GAGCCAATGCAGGAAGTATGTCGAGACACAAAACCTACAACCTCAGTCCCGAGACTGCCTGAAGACCT
GTCTGTTTCAGAAGTGGCAGCGGATGGTGGCCCCGCCAGCAGAACCCACAAGCAACCCACAACCAAAAG
GAGAAAACGAAAAAAGTCCACAAGCAGCAGTCCAATAGCAGTCCGGGAACACGACCAACAGTCCCGGC
AGCAAGAAGAAGACCCCGCGGCAAGCCTGAGCCTGGCCACTCAGGTACCTGGGCTAGGAGCCATCCCGA
ACTGCAGCCTCAACCCTGGGAGGGATGGAGACCTGTGTCAATCAACAGCAGTGACCCCTTCTGGCCAATT
TAAGGAGAAGCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR229285 representing NM_001286348
Red=Cloning site Green=Tags(s)

MSSTPHDPFYSSPFGPFYRRHTPYMVQPEYRIYEMNKRLQSRTESDNLWDAFATEFFEDDATLTL SFC
 LEDGPKRYTIGRTLIPRYFSTVFEGGVDLYYILKHSKESYHNSSITVDCDQCAMVTQH GKPMFTKVCTE
 GRLILEFTFDDLRIKTWHFTIRQYREL VPR SILAMHAQDPQVLDQLSKNITRMGLTNFTLN YLRLCVIL
 EPMQELMSRHKTYNLSPRDCLKCLFQKWQRMVAPPAEPTRQPTTKRRKRKNSTSS TSNSSAGNTTNSAG
 SKKKTPAASLSLATQVPLGAI PNCSLNPRGDGDLCHSTAVTPSGQFKEKH

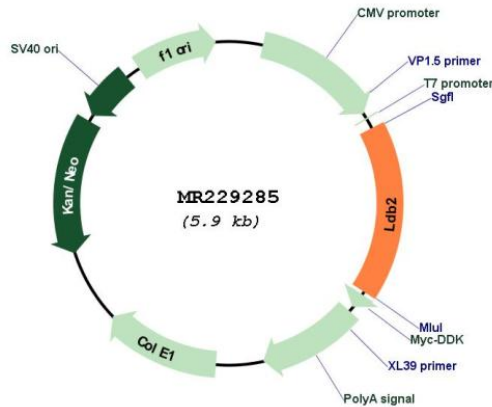
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286348

ORF Size: 993 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001286348.1 , NP_001273277.1
RefSeq Size:	2667 bp
RefSeq ORF:	996 bp
Locus ID:	16826
UniProt ID:	O55203
Cytogenetics:	5 B3
MW:	38.4 kDa
Gene Summary:	Binds to the LIM domain of a wide variety of LIM domain-containing transcription factors. [UniProtKB/Swiss-Prot Function]