

## Product datasheet for **MC208872**

### Ldb2 (NM\_001077398) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ldb2 (NM\_001077398) 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:** >MC208872 representing NM\_001077398  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCAGCACACCACATGACCCCTTCTATTCTTCTCCTTTCGGCCATTTTATAGGAGACATACCCAT  
ACATGGTACAGCCAGAGTACCGAATCTATGAGATGAACAAGAGACTGCAGTCTCGTACAGAGGACAGTGA  
CAACCTCTGGTGGGATGCGTTTGGCACTGAATTTTTGAAGATGATGCCACATTAACACTTTCATTTTGT  
TTGGAAGACGGACAAAGCGATACACTATCGGCAGGACCCTATTCCCGTTATTTTAGCACCGTATTTG  
AAGGAGGGGTGACAGACCTGTACTACATCCTTAAACACTCAAAGGAGTCATATCACAACATCCATCAC  
AGTAGACTGCGACCAGTGTGCCATGGTCACACAGCATGGGAAGCCATGTTTACCAAGGTATGCACAGAA  
GGCAGGCTGATCTTGAATTCACATTTGATGACCTCATGAGAATAAAACGTGGCACTTTACCATTAGAC  
AGTACAGGGAGCTGGTCCCAGAAGCATACTAGCCATGCACGCACAAGATCCTCAGGTCTGGATCAGCT  
GTCCAAAAATACACCAGGATGGGTCTCACAACCTCACCTCACTACCTCAGGTTGTGTGTAATACTG  
GAGCCAATGCAGGAAGTGTGTCGAGACACAAAACCTACAACCTCAGTCCCGAGACTGCCTGAAGACCT  
GTCTGTTTCAGAAGTGGCAGCGGATGGTGGCCCGCCAGCAGAACCACAAGCAACCCACAACCAAAAG  
GAGAAAACGAAAAAAGTCCACAAGCAGCAGTCCAATAGCAGTCCGGGAACACGACCAACAGTCCCGGC  
AGCAAGAAGAAGACCCCGCGGCAAGCCTGAGCCTGGCCACTCAGGGGCTAGGAGCCATCCCGAAGTGA  
GCCTCAACCCTGGGAGGGATGGAGACCTGTGTCATTCAACAGCAGTGACCCCTTCTGGCCAAATTAAGGA  
GAAGCAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001077398



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<b>Insert Size:</b>	990 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001077398.2</a> , <a href="#">NP_001070866.1</a>
<b>RefSeq Size:</b>	2661 bp
<b>RefSeq ORF:</b>	990 bp
<b>Locus ID:</b>	16826
<b>UniProt ID:</b>	<a href="#">O55203</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	<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 (2) uses an alternate in-frame splice site and contains an alternate exon in the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter and has a distinct C-terminus, compared to isoform 1.</p>