

## Product datasheet for **RR216236**

### Ldb3 (NM\_001110490) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_001110490) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ldb3
Synonyms:	RGD1564875; ZASP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216236 representing NM_001110490 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCTTACAGTGTGACTCTGACTGGGCCTGGGCCCTGGGGCTTCCGTCTGCAGGGAGGCAAGGACTTCA  
ATATGCCCCCTCACTATCTCCCGGATCACCCAGGCAGCAAGGCGGCCAGTCCCAGCTCAGTCAAGGAGA  
TCTTGTGGTGGCCATTGATGGAGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGATCAAG  
TCGGCCAGCTACAACCTGAGCCTCACTCTGCAGAAGTCCAAGCGTCTATCCCCATCTCCAGCAGCAC  
CCCCTATCCAGTCCCATTGCCAGTGATCCCCACAAAAGGTGGTAGCCAATTCTCCAGCCAACGCCGA  
CTACCAGGAACGCTTCAACCCAGTGTCTGAAGGACTCAGCCCTGTCCACCCACAAGCCCATGAGGTG  
AAGGGCTTGGGAGGCAAAGCTACCATCATCCACGCTCAGTACAACACCCCAATCAGCATGTACTCTCAGG  
ACGCCATCATGGACGCCATCGCTGGGCAGGCCAGGCCAGGGCAGTGACTTCAGTGGGAGCCTCCCTGT  
GAAAGACCTGGCGGTGGACAGCGCCTCTCCCGTGTACCAGGCTGTGATCAAAACCCAAAGCAAGCCAGA  
GATGAGGCTGATGAGTGGGCCCGCCGCTCCTCAACCTGCAGTCTCGTTCCTTCCGAATCTTGGCCAGA  
TGACCCGGACAGAATACATGCAAGACCCTGATGAGGAAGCTCTGCGAAGGTCAAGGAAAAGTGTGAAAC  
GGAACGTAACAGCCCTCGTTTTGCAAGTTGCGCAACTGCGACCATGGCCCTTTCAGCCCAAATCCTTAAT  
GTTAAAAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216236 representing NM\_001110490  
 Red=Cloning site Green=Tags(s)

MSYSVTLTGPWPWFRLQGGKDFNMPLTISRITPGSKAAQSQLSQGDLVVAIDGVNTDTMTHLEAQNKIK  
 SASYNLSLTLQSKRPIPISTTAPPIQSPLPVIPHQKVVANSPANADYQERFNPSVLKDSALSTHKPIEV  
 KGLGGKATIIHAQYNTPI SMYSQDAIMDAIAGQAQAQGSDFSGSLPVKDLAVDSASPVYQAVIKTQSKPE  
 DEADEWARSSNLQSRSFRI LAQMTGTEYMQDPDEEALRRSRERFETERNSPRFAKLRNWHHGLSAQILN  
 VKS

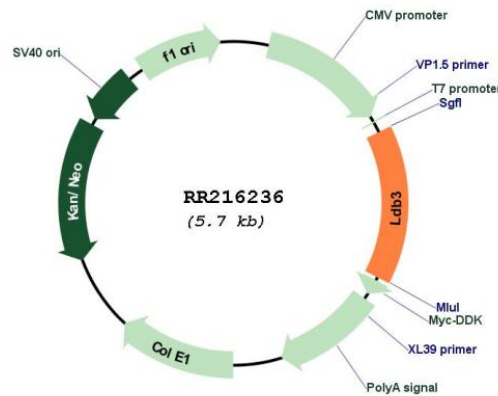
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001110490

**ORF Size:** 849 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001110490.2</a> , <a href="#">NP_001103960.1</a>
<b>RefSeq Size:</b>	1446 bp
<b>RefSeq ORF:</b>	852 bp
<b>Locus ID:</b>	498587
<b>Cytogenetics:</b>	16p15
<b>MW:</b>	31 kDa