

Product datasheet for **RN217096**

Ldb3 (NM_001277166) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldb3 (NM_001277166) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ldb3
Synonyms:	RGD1564875; ZASP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217096 representing NM_001277166
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTTACAGTGTGACTCTGACTGGCCCTGGGCCTGGGGCTCCGTCTGCAGGGAGGCAAGGACTTCA
 ATATGCCCTCACTATCTCCCGATCACCCAGGCAGCAAGGCGGCCAGTCCCAGCTCAGTCAAGGAGA
 TCTTGTGGTGGCCATTGATGGAGTCAACACAGACACCATGACCCACCTGGAGGCCAGAACAAGTCAAG
 TCGGCCAGCTACAACCTGAGCCTCACTCTGCAGAAGTCCAAGCGTCTATCCCCATCTCCACGACAGCAC
 CCCCTATCCAGTCCCATTGCCAGTGATCCCCACAAAAGGTGGTAGCCAATTCTCCAGCCAACGCCGA
 CTACCAGAAACGCTTCAACCCAGTGTCTGAAGGACTCAGCCCTGTCCACCCACAAGCCATTGAGGTG
 AAGGGCTTGGGAGGCAAAGCTACCATCATCCACGCTCAGTACAACACCCCAATCAGCATGTACTCTCAGG
 ACGCCATCATGGACGCCATCGTGGGCAGGCCAGGCCAGGGCAGTGACTTCAGTGGGAGCCTCCCTGT
 GAAAGACCTGGCGGTGGACAGCGCTCTCCCGTGTACCAGGCTGTGATCAAACCCAAAGCAAGCCAGAA
 GATGAGGCTGATGAGTGGGCCCGCGGTCTCCAACTGCACTCGTTCCTCCGAATCTTGGCCAGA
 TGACCGGGACAGAATACATGCAAGACCCTGATGAGGAAGCTCTGCGAAGGTCAAGCACCCCTATTGAGCA
 TGCTCCAGTGTGACAAGCCAGGCCACTTCCCCGCTGCTGCTGCTTCTGCCCGTGCCTGCTGCTGCC
 TCTCCATTGGCGCTCGCAACCCCTGGCCACAGCTGCTGCCGCCATGTGTTGCTGCCTCCGCTGCAG
 GCCCTGCCTCAAGCCCGTGGAGAATCCGAGGCCACAGGCTTCTGCTTACAGCCCTGCAGCAGCCACTTC
 TCCAGCACCTGTGCCATACCAGCTACAGTGAAGGTCCAGTGCCTGCATCTCCCTACAGCCCATCTCCAGGAG
 CCAATTATAGTCCGACTCCCTATACTCCTCACCAGCTCCTGCTTACACCCCTCACCTGTCCACCTA
 TACCCCTCACCTGCACCCACCTACTCCCTCTCCTGCACCAGCTTATACCCCATCACCTGCCCAAAC
 TATAACCTACACCATCAGCTGCCTACAGTGGGGCCCTTCAGAATCTGCCAGCCGCCACCCTGGGTGA
 CCGACGACAGTTCTCTCAGAAGTTTGCTCCCGAAAAGAGCACCACTCTGTGAGCAAGCAGACCCTGCC
 CAGGGGGCTCCAGCCTACAACCAACAGGCCACAAGTACTCCTTGGCCAGGGGCACCTTCCAGAGA
 GCTGAGCGCTTCCAGCAAGCAGCCGACTCCCCTCTGTGGGCACTGTAACAATGTCATCAGGGTCCCT
 TTCTGGTAGCCATGGGCCGCTTGGCACCCAGAAGAGTTCAATTGTGCCTACTGCAAGACCTCCCTAGC
 AGAGTGTGCTTTGTGGAGGAGCAGAACAATGTTACTGTGAGCGGTGTTACGAGCAGTTTTTGGCCCG
 ATCTGTGCCAAGTGAACACCAAGATCATGGGGGAAGTATGCACGCGCTGCGACAGACCTGGCATACCA
 CCTGCTTCATCTGCGCCGCTGTAAAGCCTTTTGGGAACAGCCTCTTCCACATGGAGGATGGAGAGCC
 ATACTGTGAGAAAGACTACATCAACCTGTTGAGCAGCAAGTGTGATGGATGTGATTTCCCTGTGGAGCT
 GGTGACAAGTTTATCGAGGCATTGGGGCACACCTGGCACGACACCTGCTTCATTTGTGCGGTCTGCCACG
 TGAATCTGGAGGGGACGCCATTCTACTCAAGAAAGACAAACCGCTGTGCAAGAAGCACGCGCATGCCAT
 CAACGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001277166
Insert Size: 2040 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_001277166.1</u> , <u>NP_001264095.1</u>
RefSeq Size:	4706 bp
RefSeq ORF:	2040 bp
Locus ID:	498587
Cytogenetics:	16p15