

## Product datasheet for **SC208828**

### LDB3 (NM\_001080116) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	LDB3 (NM_001080116) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LDB3
Synonyms:	CMD1C; CMH24; CMPD3; CYPHER; LDB3Z1; LDB3Z4; LVNC3; MFM4; ORACLE; PDLIM6; ZASP
ACCN:	NM_001080116
Insert Size:	709 bp
Insert Sequence:	>SC208828 3'UTR clone of NM_001080116

The sequence shown below is from the reference sequence of NM\_001080116. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGCCCAAATCCTTAATGTTAAAAGCTAAAGGCTGCCTGGAATCCCCCACCACAGGCTGGACT
CCCTCCATCCTTACCCCCACACAGATCTGGCATGTGAGCCCCACGGTGATGCTTGACAATGTATAACTC
TGCTGGGGGCACCTCTGATGGCCAAACCGCAGCATTCTGTCTCTGCCACCCAGAGCTGATGCTGGG
GCCAGCCCCCTGCAGCTCTGTACCCACCAAACCTCCCCAGGGCAACCCTCGCCACCCCAATAGCC
CGTAGCCCAATCCCCTGCCCTCTGCACAGGGCCTTAGCTGTAGACCAGAGAGGGCAGGAGGGTTTGT
GGCATAACACCCCAAGCAACCAAGGAAAATGGATGGGCCGCTGCTCAGTTTCCACCATCCTCAGCTCTG
GCCTCATCCCCTCCTAGAATGAGTCACCCGTAGATCAGGGTCTGGGGAAGAGGCTGATCCCTGGCGCTG
CCCGGCTCCCTCGCTGCCCTCTGGAGCTCAGGGCAGCCCGGAATAGGGCTCTTTGAAGAGGAAGTAGAA
GCCCCAGGGTAATGAGGCAGAGACCCCTCCTGGCAGTGGTGGGGCATGCACCCTCTTTCTGT
ACCGTGTGTGCTGGCTCCATAGTTCTCTCTGTACATAAAGCATGCTGTTCTGAAATAAAGAAGA
TTTGAAGTGAACCACACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001080116.1</a>
<b>Summary:</b>	This gene encodes a PDZ domain-containing protein. PDZ motifs are modular protein-protein interaction domains consisting of 80-120 amino acid residues. PDZ domain-containing proteins interact with each other in cytoskeletal assembly or with other proteins involved in targeting and clustering of membrane proteins. The protein encoded by this gene interacts with alpha-actinin-2 through its N-terminal PDZ domain and with protein kinase C via its C-terminal LIM domains. The LIM domain is a cysteine-rich motif defined by 50-60 amino acids containing two zinc-binding modules. This protein also interacts with all three members of the myozenin family. Mutations in this gene have been associated with myofibrillar myopathy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been identified; all isoforms have N-terminal PDZ domains while only longer isoforms (1, 2 and 5) have C-terminal LIM domains. [provided by RefSeq, Jan 2010]
<b>Locus ID:</b>	11155
<b>MW:</b>	25.4