

Product datasheet for **RC236959**

LMCD1 (NM_001278234) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LMCD1 (NM_001278234) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: LMCD1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236959 representing NM_001278234
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGGGATGCAAGGGGACGTGTTCCGGCTTCGAGCCACATTCATGGAGGACTGCAGTACATGGAGC
TCATCCCCAAGGAGAAGCAGCCAGTGACAGGCACAGAGGGTGCCTTTACCGCCGCCAGCTCATGCA
CCAGTCCCCATCTATGACCAGGATCCCTCGCGCTGCCGTGGACTTTTGGAGAATGAGTTGAACTGATG
GAAGAATTTGTCAAGCAATATAAGAGCGAGGCCCTCGGCGTGGGAGAAGTGGCCCTCCCGGGCAGGGTG
GCTTGCCCAAGGAGGAGGGAAGCAGCAGGAAAAGCCAGAGGGGCGAGACCACTGCTGTACACCAA
CGGCAGTCTCAGTGACCCGTCCAAGAAGTGGAAACGCTCTGCGAGCTCTGCAAGGGAGCGGCCCTCT
GACAGCCCGTGGTCTACTCGGACAGGGCAGGCTACAACAAGCAGTGGCACCCACCTGCTTTGTGTGTG
CCAAGTGTCCGAGCCGCTGGTGGACCTCATCTACTTCTGGAAGGATGGTGCACCCTGGTGGCCGCCA
TTACTGCGAGAGTCTGCGCCCGGTGCTCCGGCTGCGATGAGATAATATTCGCTGAGGACTACCAGCGT
GTGGAAGATCTGGCCTGGCACCGAAAGCACTTTGTCTGTGAGGGTTGTGAGCAGCTGCTGAGCGCCGGG
CGTACATCGTACCAAGGGTCAGCTTCTGTGCCAACTTGACGCAAGTCCAAACGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236959 representing NM_001278234
Red=Cloning site Green=Tags(s)

MFGMQGDVFLRATFMEGLQYMELIPKEKQPVTGTGEGAFYRRRQLMHQLPIYDQDPSRCRGLLENELKLM
EEFVKQYKSEALGVGEVALPGQGGLPKEEGKQEKPEGAETTAATTNGSLSDPSKEVEYVCELCKGAAPP
DSPVVYSDRAGYNKQWHPTCFVCAKCEPLVDLIYFWKDGAPWCGRHYCESLRPRCSGCDEIIFAEDYQR
VEDLAWHRKHFVCEGCEQLLSGRAYIVTKGQLLCPCTCSKSKRS

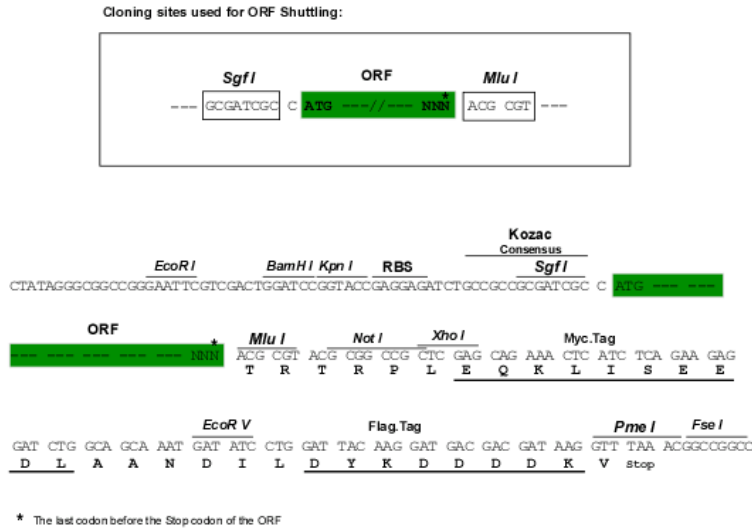
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



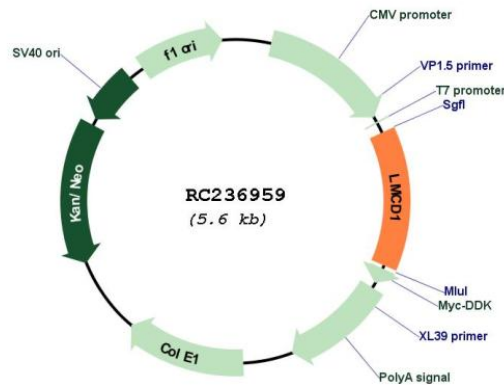
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001278234

ORF Size: 759 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:	<u>NM_001278234.1</u> , <u>NP_001265163.1</u>
RefSeq Size:	1501 bp
RefSeq ORF:	762 bp
Locus ID:	29995
UniProt ID:	<u>Q9NZU5</u>
Cytogenetics:	3p25.3
MW:	29 kDa
Gene Summary:	This gene encodes a member of the LIM-domain family of zinc finger proteins. The encoded protein contains an N-terminal cysteine-rich domain and two C-terminal LIM domains. The presence of LIM domains suggests involvement in protein-protein interactions. The protein may act as a co-regulator of transcription along with other transcription factors. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]