

Product datasheet for **SC334853**

LMCD1 (NM_001278234) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMCD1 (NM_001278234) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMCD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278234, the custom clone sequence may differ by one or more nucleotides

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ATGTTTGGGATGCAAGGGGACGTGTTCCGGCTTCGAGCCACATTCATGGAGGGACTGCAGTACATGGAGC
TCATCCCAAGGAGAAGCAGCCAGTGACAGGCACAGAGGGTGCCTTTTACCGCCGCCAGCTCATGCA
CCAGCTCCCCATCTATGACCAGGATCCCTCGCGCTGCCGTGGACTTTTGGAGAATGAGTTGAAACTGATG
GAAGAATTTGTCAAGCAATATAAGAGCGAGGCCCTCGGCGTGGGAGAAGTGGCCCTCCCGGGGCAGGGTG
GCTTGCCCAAGGAGGAGGGGAAGCAGCAGGAAAAGCCAGAGGGGGCAGAGACCACTGCTGCTACCACAA
CGGCAGTCTCAGTGACCCGTCCAAGAAGTGAATACGCTCTCGAGCTCTGCAAGGGAGCCGCCCTCCT
GACAGCCCCGTGGTCTACTCGGACAGGGCAGGCTACAACAAGCAGTGGCACCCACCTGCTTTGTGTG
CCAAGTGCTCCGAGCCGCTGGTGGACCTCATCTACTTCTGGAAGGATGGTGCACCCCTGGTGCAGCCGCCA
TACTGCGAGAGTCTGCGGCCCGGTGCTCCGGCTGCGATGAGATAATATTCGCTGAGGACTACCAGCGT
GTGGAAGATCTGGCCTGGCACCGAAAGCACTTTGTCTGTGAGGGTTGTGAGCAGCTGCTGAGCGGCCGG
CGTACATCGTCACCAAGGGTCAGCTTCTGTGCCCAACTGCAGCAAGTCCAAACGCTCCTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278234
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).
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:

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: [NM_001278234.1](#), [NP_001265163.1](#)

RefSeq Size: 1501 bp

RefSeq ORF: 762 bp

Locus ID: 29995

UniProt ID: [Q9NZU5](#)

Cytogenetics: 3p25.3

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]
Transcript Variant: This variant (3) lacks an alternate exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 1.