

## Product datasheet for **SC321553**

### LMCD1 (NM\_014583) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LMCD1 (NM_014583) Human Untagged Clone
Tag:	Tag Free
Symbol:	LMCD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_014583.2  
 CCCAGGCCCGGAACTTGGCCATTAGCCGCGCTGTCCCGCTGCGCGCCCTCGCGCCT  
 CTGCTGAGAAGCCAGGCGCTGTCCCCACCCAGAAGAGGATGGCAAAGGTGGCTAAG  
 GACCTCAACCCAGGAGTTAAAAAGATGTCCCTGGGCCAGCTGCAGTCAGCAAGAGGTGTG  
 GCATGTTTGGGATGCAAGGGGACGTGTTCCGGCTTCGAGCCACATTCATGGAGAAAATA  
 TGCAAGTCTTGCAAATGCAGCCAAGAGGACCACTGCCTAACATCTGACCTAGAAGACGAT  
 CGGAAAATTGGCCGCTTGTGATGGACTCCAAGTATCCACCCTCACTGCTCGGGTGAAA  
 GCGGGGACGGCATCCGGATTTACAAGAGGAACCGGATGATCATGACCAACCCTATTGCT  
 ACTGGGAAAGATCCCACCTTTTGACACCATCACCTACGAGTGGGCTCCCCCTGGAGTACC  
 CAGAACTGGGACTGCAGTACATGGAGCTCATCCCAAGGAGAAGCAGCCAGTGACAGGC  
 ACAGAGGGTGCCTTTTACCGCCGCCAGCTCATGCACCAGCTCCCATCTATGACCAG  
 GATCCCTCGCGCTGCCGTGGACTTTTGGAGAATGAGTTGAAACTGATGGAAGAATTTGTC  
 AAGCAATATAAGAGCGAGGCCCTCGGCGTGGGAGAAGTGGCCCTCCCGGGCAGGGTGGC  
 TTGCCAAGGAGGAGGGGAAGCAGCAGGAAAAGCCAGAGGGGGCAGAGACCACTGCTGCT  
 ACCACCAACGGCAGTCTCAGTGACCCGTCAAAGAAGTGAATACGTCTGCGAGCTCTGC  
 AAGGGAGCGGCCCTCCTGACAGCCCGTGGTCTACTCGACAGGGCAGGCTACAACAAG  
 CAGTGGCACCCCACTGCTTTGTGTGTGCCAAGTGTCCGAGCCGCTGGTGGACCTCATC  
 TACTTCTGGAAGGATGGTGCACCCTGGTGGCCGCCATTACTGCGAGAGTCTGCGGCC  
 CGGTGCTCCGGCTGCGATGAGATAATATTCGCTGAGGACTACCAGCGTGTGAAGATCTG  
 GCCTGGCACCCGAAAGCACTTTGTCTGTGAGGGTTGTGAGCAGCTGCTGAGCGCCGGGG  
 TACATCGTCACCAAGGGTCACTTCTGTGCCAACTTGCAGCAAGTCAAACGCTCCTGA  
 AGGGTGCCACCCACAGCCAGAATCCACAGGATCCCACCGAGAAGGAGAGCCAGGTGTG  
 CCGAGACCATCCTAAGGGTCCGATGTGACAGCAAGCAAGTAAATAAACAATGATTTGCT  
 TTTCAAGTGAATAATATATAGATATATAGATATATATTCTAGGTTGGGTGGTGGT  
 AGATCCTTGAGGGTCAAGTGTTCAAAACCAAAAATATTCTAAGAAGTCTTAGGATGGAG  
 TTCCTTTTCTTTCTGTTGTTGTTTCCAGCTACAACCACTAAAGACACAAATGGCGTTC  
 TGCAAGGGGACTCTGGGAGGAGTTTTCCAGAATGCAATTCGAGTGAAGCAATCGCATAG  
 CTGTAGAATGTGCGTGTCTTTTGTGGACACAGGAGCTCTCCAGGAGCAGGCTGGGATC  
 CCAACTATCGCTTGTGCCTCTTTTCAAGTGAATTTGAATTTAAATAAACAACCTTTT  
 TTTGGCATGATAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_014583

**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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_014583.2](#), [NP\\_055398.1](#)

**RefSeq Size:** 1754 bp

**RefSeq ORF:** 1098 bp

**Locus ID:** 29995

**UniProt ID:** [Q9NZU5](#)

**Cytogenetics:** 3p25.3

**Domains:** LIM

**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 (1) encodes the longest isoform (1).