Product datasheet for SC334800

LMCD1 (NM_001278235) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMCD1 (NM_001278235) 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_001278235, the custom clone sequence may differ by one or more nucleotides

ATGGCAAAGGTGGCTAAGGACCTCAACCCAGGAGTTAAAAAGATGTCCCTGGGCCAGCTGCAGTCAGCAA
GAGGTGTGGCATGTTTGGGATGCAAGGGGACGTGTTCGGGCTTCGAGCCACATTCATGGAGGAAAATATG
CAAGTCTTGCAAATGCAGCCAAGAGGACCACTGCCTAACATCTGACCTAGAAGACGATCGGAAAATTGGC
CGCTTGCTGATGGACTCCAAGTATTCCACCCTCACTGCTCGGGTGAAAGGCGGGGACGGCATCCGGATTT
ACAAGAGGAACCGGATGATCATGACCAACCCTATTGCTACTGGGAAAGATCCCACTTTTGACACCATCAC
CTACGAGTGGGCTCCCCCTGGAGTCACCCAGAAACTGGGACTGCAGTACATGGAGCTCATCCCCAAGGAG
AAGCAGCCAGTGACAGGCACAGAGGGTGCCTTTTACCGCCGCCGCCAGCTCATGCACCAGCTCCCCATCT
ATGACCAGGATCCCTCGCGCTGCCGTGGACTTTTGGAGAATGAGTTGAAACTGATGGAAGAATTTGTCAA
GCAATATAAGAGCGAGGCCCTCGGCGTGGGAGAAGTGGCCCTCCCGGGGCAGGGTGGCTTGCCCAAGGAG
GAGGGGAAGCAGCAGGAAAAGCCAGAGGGGGGCAGAGACCACTGCTGCTACCACCAACGGCAGTCTCAGTG
ACCCGTCCAAAGAAGTGGAATACAAGCCAGTCCCACTCGTGTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001278235
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).

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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_001278235.1, NP_001265164.1
RefSeq Size:	2261 bp
RefSeq ORF:	744 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 (4) contains an alternate 3' terminal exon which results in an early stop codon, compared to variant 1. It encodes isoform 4, which has a shorter and distinct C-terminus, compared to isoform 1.