

Product datasheet for **RG237236**

LMCD1 (NM_001278233) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LMCD1 (NM_001278233) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	LMCD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237236 representing NM_001278233. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTCCAAGTATTCCACCCTCACTGCTCGGGTAAAAGGCGGGGACGGCATCCGGATTTACAAGAGG
AACCGGATGATCATGACCAACCCTATTGCTACTGGGAAAGATCCCACTTTTGACACCATCACCTACGAG
TGGGCTCCCCCTGGAGTCACCCAGAAACTGGGACTGCAGTACATGGAGCTCATCCCAAGGAGAAGCAG
CCAGTGACAGGCACAGAGGGTGCCTTTTACCGCCGCCAGCTCATGCACCAGTCCCCATCTATGAC
CAGGATCCCTCGCGCTGCCGTGGACTTTTGGAGAATGAGTTGAACTGATGGAAGAATTTGTCAAGCAA
TATAAGAGCGAGGCCCTCGCGTGGGAGAAGTGCCCTCCCGGGCAGGGTGGCTTGCCCAAGGAGGAG
GGGAAGCAGCAGGAAAAGCCAGAGGGGGCAGAGACCACTGCTGCTACCACCAACGGCAGTCTCAGTGAC
CCGTCCAAAGAAGTGGAATACGTCTGCGAGCTCTGCAAGGGAGCGGCCCTCCTGACAGCCCCGTGGTC
TACTCGGACAGGGCAGGCTACAACAAGCAGTGGCACCCACCTGCTTTGTGTGCAAGTGTCCGAG
CCGCTGGTGGACCTCATCTACTTCTGGAAGGATGGTGCACCCTGGTGGCGCCGCACTACTGCGAGAGT
CTGCGGCCCGGTGCTCCGGCTGCGATGAGATAATATTCGCTGAGGACTACCAGCGTGTGGAAGATCTG
GCCTGGCACCGAAAGCACTTTGTCTGTGAGGGTGTGAGCAGCTGCTGAGCGCCGGCGTACATCGTC
ACCAAGGGTCAGCTTCTGTGCCCAACTGCAGCAAGTCCAAACGCTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



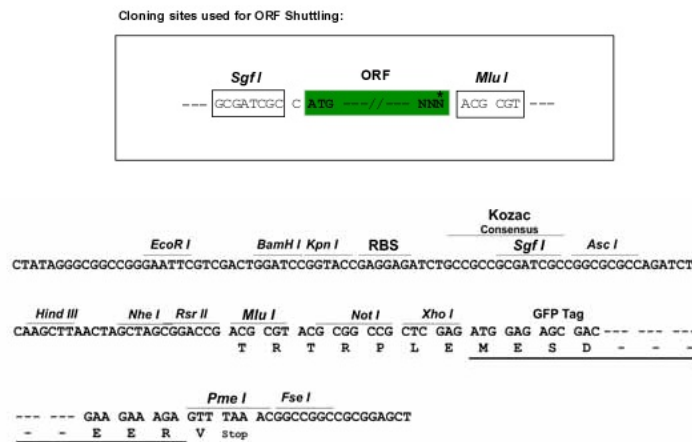
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237236
 Blue=ORF Red=Cloning site Green=Tag(s)

MDSKYSTLTARVKGDDGIRIYKRNRMIMTNPIATGKDPTFDTITYEWAPPVGTQKLGLQYMELIPKEKQ
 PVTGTGEGAFYRRRQLMHQLPIYDQDPSRCRGLLENELKLMEEFVKQYKSEALGVGEVALPGQGGLPKEE
 GKQQEKPEGAETTAATTNGSLSDPSKEVEYVCELCKGAAPPDSPVYVSDRAGYNKQWHPTCFVCAKCE
 PLVDLIYFWKDGAPWCGRHYCESLRPRCSGCDEIIFAEDYQRVEDLAWHRKHVCEGCEQLLSGRAYIV
 TKGQLLCPTCSKSKRS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278233

ORF Size: 876 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).

RefSeq: [NM_001278233.2](#)

RefSeq Size: 1668 bp

RefSeq ORF: 879 bp

Locus ID: 29995

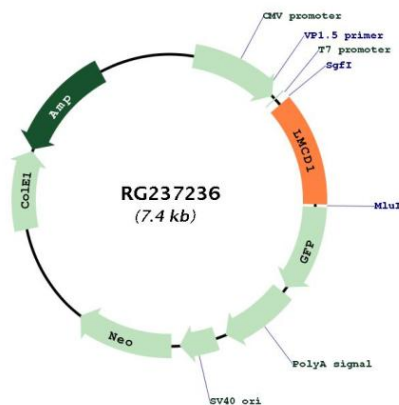
UniProt ID: [Q9NZU5](#)

Cytogenetics: 3p25.3

MW: 33.3 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]

Product images:



Circular map for RG237236