

Product datasheet for **RC210233L4V**

LMO1 (NM_002315) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LMO1 (NM_002315) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LMO1
Synonyms:	RBTN1; RHOM1; TTG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002315
ORF Size:	468 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210233).
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.
RefSeq:	NM_002315.1
RefSeq Size:	1315 bp
RefSeq ORF:	471 bp
Locus ID:	4004
UniProt ID:	P25800
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome, Transcription Factors
MW:	17.8 kDa



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Gene Summary:

This locus encodes a transcriptional regulator that contains two cysteine-rich LIM domains but lacks a DNA-binding domain. LIM domains may play a role in protein interactions; thus the encoded protein may regulate transcription by competitively binding to specific DNA-binding transcription factors. Alterations at this locus have been associated with acute lymphoblastic T-cell leukemia. Chromosomal rearrangements have been observed between this locus and at least two loci, the delta subunit of the T-cell antigen receptor gene and the LIM domain binding 1 gene. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2012]