

## Product datasheet for **RC209941L3V**

### **LMOD1 (NM\_012134) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	LMOD1 (NM_012134) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LMOD1
Synonyms:	1D; 64kD; D1; MMIHS3; SM-LMOD; SMLMOD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012134
ORF Size:	1800 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209941).
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. <a href="#">More info</a>
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:	<a href="#">NM_012134.2</a>
RefSeq Size:	3967 bp
RefSeq ORF:	1803 bp
Locus ID:	25802
UniProt ID:	<a href="#">P29536</a>
Cytogenetics:	1q32.1
Domains:	WH2, Tropomodulin
MW:	66.8 kDa


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**Gene Summary:**

The leiomodlin 1 protein has a putative membrane-spanning region and 2 types of tandemly repeated blocks. The transcript is expressed in all tissues tested, with the highest levels in thyroid, eye muscle, skeletal muscle, and ovary. Increased expression of leiomodlin 1 may be linked to Graves' disease and thyroid-associated ophthalmopathy. [provided by RefSeq, Jul 2008]