

## Product datasheet for **RC208535L4V**

### LEMD2 (NM\_181336) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LEMD2 (NM_181336) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LEMD2
Synonyms:	CTRCT42; dj482C21.1; LEM2; MARUPS; NET25
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181336
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208535).
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_181336.2</a> , <a href="#">NP_851853.1</a>
RefSeq Size:	2957 bp
RefSeq ORF:	1512 bp
Locus ID:	221496
UniProt ID:	<a href="#">Q8NC56</a>
Cytogenetics:	6p21.31
Protein Families:	Transmembrane
MW:	57 kDa


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**Gene Summary:**

This gene encodes a LEM domain-containing transmembrane protein of the inner nuclear membrane. The protein is involved in nuclear structure organization and plays a role in cell signaling and differentiation. Mutations in this gene result in Cataract 46, juvenile-onset. Multiple transcript variants have been found for this gene. [provided by RefSeq, Feb 2017]