

## Product datasheet for **RC216867L2V**

### **ANKLE2 (NM\_015114) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ANKLE2 (NM_015114) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANKLE2
Synonyms:	KIAA0692; Lem4; LEMD7; MCPH16
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015114
ORF Size:	2814 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216867).
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_015114.1</a>
RefSeq Size:	4491 bp
RefSeq ORF:	2817 bp
Locus ID:	23141
UniProt ID:	<a href="#">Q86XL3</a>
Cytogenetics:	12q24.33
Protein Families:	Transmembrane
MW:	104.1 kDa



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**Gene Summary:**

This gene encodes a member of the LEM family of inner nuclear membrane proteins. The encoded protein functions as a mitotic regulator through postmitotic formation of the nuclear envelope. Mutations in this gene cause morphology defects in the nuclear envelope and BAF hyperphosphorylation. [provided by RefSeq, Mar 2014]