

## Product datasheet for **RC221967L4V**

### LCE3C (NM\_178434) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LCE3C (NM_178434) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LCE3C
Synonyms:	LEP15; SPRL3A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178434
ORF Size:	282 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221967).
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_178434.1</a>
RefSeq Size:	425 bp
RefSeq ORF:	285 bp
Locus ID:	353144
UniProt ID:	<a href="#">Q5T5A8</a>
Cytogenetics:	1q21.3
MW:	9.7 kDa


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**Gene Summary:**

A structural component of the cornified envelope of the stratum corneum involved in innate cutaneous host defense (Probable). Possesses defensin-like antimicrobial activity against a broad spectrum of Gram-positive and Gram-negative bacteria, both aerobic and anaerobic species. Upon inflammation, may regulate skin barrier repair by shaping cutaneous microbiota composition and immune response to bacterial antigens (PubMed:28634035). [UniProtKB/Swiss-Prot Function]