

Product datasheet for **RC207834L2V**

C13orf31 (LACC1) (NM_153218) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C13orf31 (LACC1) (NM_153218) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C13orf31
Synonyms:	C13orf31; FAMIN; JUVAR
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_153218
ORF Size:	1290 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207834).
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_153218.1
RefSeq Size:	4124 bp
RefSeq ORF:	1293 bp
Locus ID:	144811
UniProt ID:	Q8IV20
Cytogenetics:	13q14.11
Domains:	DUF152
MW:	47.8 kDa



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Gene Summary:

This gene encodes an oxidoreductase that promotes fatty-acid oxidation, with concomitant inflammasome activation, mitochondrial and NADPH-oxidase-dependent reactive oxygen species production, and bactericidal activity of macrophages. The encoded protein forms a complex with fatty acid synthase on peroxisomes and is thought to be modulated by peroxisome proliferator-activated receptor signaling events. Naturally occurring mutations in this gene are associated with inflammatory bowel disease, Behcet's disease, leprosy, ulcerative colitis, early-onset Crohn's disease, and systemic juvenile idiopathic arthritis. [provided by RefSeq, Apr 2017]