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Product datasheet for RC225705L3V

C13orf31 (LACC1) (NM_001128303) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C13orf31 (LACC1) (NM_001128303) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C13orf31
Synonyms:	C13orf31; FAMIN; JUVAR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001128303
ORF Size:	1290 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC225705).`
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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_001128303.1, NP_001121775.1
RefSeq Size:	4288 bp
RefSeq ORF:	1293 bp

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Locus ID:	144811
UniProt ID:	Q8IV20
Cytogenetics:	13q14.11
MW:	47.8 kDa
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]