

## Product datasheet for **RC211186L1V**

### **KLB (NM\_175737) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

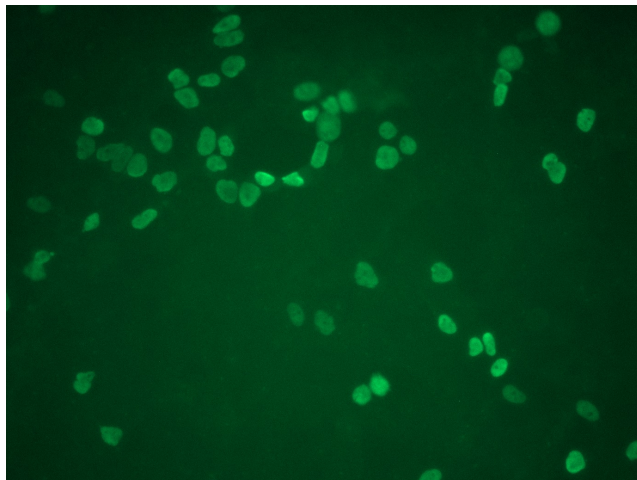
Product Type:	Lentiviral Particles
Product Name:	KLB (NM_175737) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KLB
Synonyms:	BKL
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_175737
ORF Size:	3132 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211186).
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_175737.2</a>
RefSeq Size:	3279 bp
RefSeq ORF:	3135 bp
Locus ID:	152831
UniProt ID:	<a href="#">Q86Z14</a>
Cytogenetics:	4p14
Protein Families:	Transmembrane
MW:	119.6 kDa



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**Gene Summary:**

Contributes to the transcriptional repression of cholesterol 7-alpha-hydroxylase (CYP7A1), the rate-limiting enzyme in bile acid synthesis. Probably inactive as a glycosidase. Increases the ability of FGFR1 and FGFR4 to bind FGF21 (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**

[RC211186L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC211186L1V particle to overexpress human KLB-Myc-DDK fusion protein.