

Product datasheet for **MR222087L3V**

Klb (NM_031180) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Klb (NM_031180) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klb
Synonyms:	AV071179; betaKlotho
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031180
ORF Size:	3129 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222087).
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_031180.2 , NP_112457.1
RefSeq Size:	3439 bp
RefSeq ORF:	3132 bp
Locus ID:	83379
UniProt ID:	Q99N32
Cytogenetics:	5 C3.1
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.[UniProtKB/Swiss-Prot Function]



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