

## Product datasheet for **MR204201L4V**

### Klf7 (NM\_033563) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Klf7 (NM_033563) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klf7
Synonyms:	9830124P08Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033563
ORF Size:	906 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204201).
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_033563.2</a> , <a href="#">NP_291041.2</a>
RefSeq Size:	1344 bp
RefSeq ORF:	906 bp
Locus ID:	93691
UniProt ID:	<a href="#">Q99JB0</a>
Cytogenetics:	1 C2



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**Gene Summary:**

Transcriptional factor (PubMed:11245580). Plays a critical role in neuronal morphogenesis (PubMed:11336497, PubMed:15964824). Represses the corneal epithelium differentiation (By similarity). Acts also as a metabolic regulator, by modulating insulin sensitivity in pancreatic beta cells and skeletal muscle cells. Inhibits transcriptional inducers of adipogenesis and has a repressive role in the expression of several adipokines, including leptin (By similarity). [UniProtKB/Swiss-Prot Function]