

## Product datasheet for **MR209674L3V**

### **Klkb1 (NM\_008455) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Klkb1 (NM_008455) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klkb1
Synonyms:	APS; Ka; Kal; Kal-3; Kal3; Klk; Klk3; PSA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008455
ORF Size:	1917 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209674).
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_008455.1</a>
RefSeq Size:	2472 bp
RefSeq ORF:	1917 bp
Locus ID:	16621
UniProt ID:	<a href="#">P26262</a>
Cytogenetics:	8 25.17 cM



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**Gene Summary:**

This gene encodes a member of the kallikrein subfamily of serine proteases that are involved in diverse physiological functions such as skin desquamation, tooth enamel formation, seminal liquefaction, synaptic neural plasticity and brain function. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric enzyme comprised of heavy and light chains. A complete deletion of the encoded protein prevents occlusive thrombus formation in mice with a minimal role in provoked bleeding. [provided by RefSeq, May 2016]