

Product datasheet for **MR223766L4V**

Klk14 (NM_174866) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Klk14 (NM_174866) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klk14
Synonyms:	GK14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_174866
ORF Size:	750 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223766).
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_174866.2
RefSeq Size:	753 bp
RefSeq ORF:	753 bp
Locus ID:	317653
UniProt ID:	Q8CGR5
Cytogenetics:	7 28.26 cM



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Gene Summary:

This gene encodes a member of the kallikrein subfamily of serine proteases that have diverse physiological functions such as regulation of blood pressure and desquamation. The encoded protein is a precursor that undergoes proteolytic cleavage of the activation peptide to generate the functional enzyme. The encoded enzyme was found to activate the complement pathway by cleavage of C3 to release C3a anaphylotoxin. This gene is one of the several glandular kallikrein genes located in a cluster on chromosome 7. [provided by RefSeq, Aug 2015]