

## Product datasheet for **MR224004L4V**

### **Klra6 (NM\_008464) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Klra6 (NM_008464) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klra6
Synonyms:	ly-49f; Ly49; Ly49f
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008464
ORF Size:	798 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224004).
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_008464.2</a> , <a href="#">NP_032490.1</a>
RefSeq Size:	1116 bp
RefSeq ORF:	801 bp
Locus ID:	16637
UniProt ID:	<a href="#">Q60653</a>
Cytogenetics:	6 63.44 cM



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**Gene Summary:**

This gene belongs to the highly polymorphic family of C-type lectin-like Ly49 genes that are expressed in natural killer (NK) cells. The encoded protein is a homodimeric type II transmembrane receptor located at the cell surface and inhibits NK cell activation upon ligand binding. This gene is located in a cluster of several Klra paralogs on chromosome 6. Different strains of mice show variation in the number of paralogs, including strain specific duplications, deletions and pseudogene sequences. [provided by RefSeq, Apr 2015]