

Product datasheet for **MR220545L4V**

Krt13 (NM_010662) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Krt13 (NM_010662) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Krt13
Synonyms:	CK13; K13; Krt-1.1; Krt-1.13; Krt1-1; Krt1-13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010662
ORF Size:	1311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220545).
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_010662.2 , NP_034792.1
RefSeq Size:	1674 bp
RefSeq ORF:	1314 bp
Locus ID:	16663
UniProt ID:	P08730
Cytogenetics:	11 63.41 cM


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Gene Summary:

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]