

Product datasheet for **RR215059L4V**

Kif22 (NM_001009645) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kif22 (NM_001009645) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Kif22
Synonyms:	MGC95045
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001009645
ORF Size:	1971 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR215059).
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_001009645.1 , NP_001009645.1
RefSeq Size:	2098 bp
RefSeq ORF:	1974 bp
Locus ID:	293502
UniProt ID:	Q5I0E8
Cytogenetics:	1q37



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Gene Summary:

Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA. Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells.[UniProtKB/Swiss-Prot Function]