

Product datasheet for **MR214019L4V**

Kif23 (NM_024245) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kif23 (NM_024245) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kif23
Synonyms:	3110001D19Rik; C87313; CHO1; KnsI5; MKLP-1; MKLP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024245
ORF Size:	2859 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR214019).
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_024245.4 , NP_077207.3
RefSeq Size:	3439 bp
RefSeq ORF:	2862 bp
Locus ID:	71819
UniProt ID:	E9Q5G3
Cytogenetics:	9 B



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Gene Summary:

Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation during the cell cycle cytokinesis. Essential for cytokinesis in Rho-mediated signaling. Required for the localization of ECT2 to the central spindle. Plus-end-directed motor enzyme that moves antiparallel microtubules in vitro (By similarity).[UniProtKB/Swiss-Prot Function]