

## Product datasheet for **RC201100L4V**

### **KIF20A (NM\_005733) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KIF20A (NM_005733) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIF20A
Synonyms:	MKLP2; RAB6KIFL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005733
ORF Size:	2670 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201100).
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_005733.1</a>
RefSeq Size:	2972 bp
RefSeq ORF:	2673 bp
Locus ID:	10112
UniProt ID:	<a href="#">O95235</a>
Cytogenetics:	5q31.2
Domains:	kinesin
Protein Families:	Druggable Genome



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**MW:** 100.1 kDa

**Gene Summary:** Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis. Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle. Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility. [UniProtKB/Swiss-Prot Function]