

## Product datasheet for **RC222299L3V**

### **KIF21B (NM\_017596) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KIF21B (NM_017596) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIF21B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017596
ORF Size:	4872 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222299).
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_017596.2</a>
RefSeq Size:	9895 bp
RefSeq ORF:	4875 bp
Locus ID:	23046
UniProt ID:	<a href="#">O75037</a>
Cytogenetics:	1q32.1
Protein Families:	Druggable Genome
MW:	181.1 kDa



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**Gene Summary:**

This gene encodes a member of the kinesin superfamily. Kinesins are ATP-dependent microtubule-based motor proteins that are involved in the intracellular transport of membranous organelles. Single nucleotide polymorphisms in this gene are associated with inflammatory bowel disease and multiple sclerosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]