

## Product datasheet for **RC213911L4V**

### **KIF3B (NM\_004798) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KIF3B (NM_004798) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIF3B
Synonyms:	FLA8; HH0048; KLP-11; RP89
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004798
ORF Size:	2241 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213911).
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_004798.2</a>
RefSeq Size:	6103 bp
RefSeq ORF:	2244 bp
Locus ID:	9371
UniProt ID:	<a href="#">O15066</a>
Cytogenetics:	20q11.21
Domains:	kinesin
Protein Families:	Druggable Genome



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**MW:** 84.9 kDa

**Gene Summary:** The protein encoded by this gene acts as a heterodimer with kinesin family member 3A to aid in chromosome movement during mitosis and meiosis. The encoded protein is a plus end-directed microtubule motor and can interact with the SMC3 subunit of the cohesin complex. In addition, the encoded protein may be involved in the intracellular movement of membranous organelles. This protein and kinesin family member 3A form the kinesin II subfamily of the kinesin superfamily. [provided by RefSeq, Jul 2008]