

Product datasheet for **MR211060L4V**

Kif18a (NM_139303) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kif18a (NM_139303) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kif18a
Synonyms:	AU024633; B130001M12Rik; gcd2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139303
ORF Size:	2661 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211060).
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_139303.1 , NP_647464.1
RefSeq Size:	3487 bp
RefSeq ORF:	2661 bp
Locus ID:	228421
UniProt ID:	Q91WD7
Cytogenetics:	2 E3



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Gene Summary:

Microtubule-depolymerizing kinesin which plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward movement during anaphase, thus suppressing chromosome movements. May stabilize the CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at kinetochores during chromosome congression (By similarity).[UniProtKB/Swiss-Prot Function]