

Product datasheet for **RC213971L4V**

KIF4A (NM_012310) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KIF4A (NM_012310) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIF4A
Synonyms:	KIF4; KIF4G1; MRX100
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012310
ORF Size:	3696 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213971).
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_012310.4 , NP_036442.3
RefSeq Size:	4388 bp
RefSeq ORF:	3699 bp
Locus ID:	24137
UniProt ID:	O95239
Cytogenetics:	Xq13.1
Domains:	kinesin
Protein Families:	Druggable Genome



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MW: 139.9 kDa

Gene Summary: This gene encodes a member of the kinesin 4 subfamily of kinesin related proteins. The encoded protein is an ATP dependent microtubule-based motor protein that is involved in the intracellular transport of membranous organelles. This protein also associates with condensed chromosome arms and may be involved in maintaining chromosome integrity during mitosis. This protein may also be involved in the organization of the central spindle prior to cytokinesis. A pseudogene of this gene is found on chromosome X.[provided by RefSeq, Mar 2010]