

## Product datasheet for **RC219405L4V**

### Kinesin 5A (KIF5A) (NM\_004984) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Kinesin 5A (KIF5A) (NM_004984) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kinesin 5A
Synonyms:	ALS25; D12S1889; MY050; NEIMY; NKHC; SPG10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004984
ORF Size:	3096 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219405).
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_004984.2</a>
RefSeq Size:	3897 bp
RefSeq ORF:	3099 bp
Locus ID:	3798
UniProt ID:	<a href="#">Q12840</a>
Cytogenetics:	12q13.3
Domains:	kinesin
Protein Families:	Druggable Genome



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**MW:** 117.4 kDa

**Gene Summary:** This gene encodes a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10. [provided by RefSeq, Jul 2008]