

Product datasheet for **RC205132L4V**

Kinesin Heavy Chain 2 (KIF2A) (NM_004520) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kinesin Heavy Chain 2 (KIF2A) (NM_004520) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Kinesin Heavy Chain 2
Synonyms:	CDCBM3; HK2; KIF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004520
ORF Size:	2037 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205132).
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_004520.3 , NP_004511.2
RefSeq Size:	4058 bp
RefSeq ORF:	2121 bp
Locus ID:	3796
UniProt ID:	O00139
Cytogenetics:	5q12.1
Domains:	kinesin
Protein Families:	Druggable Genome



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MW: 77 kDa

Gene Summary: The protein encoded by this gene is a plus end-directed motor required for normal mitotic progression. The encoded protein is required for normal spindle activity during mitosis and is necessary for normal brain development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]