

Product datasheet for **RC226034L2V**

KLC2 (NM_001134775) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	KLC2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001134775
ORF Size:	1866 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226034).

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_001134775.1](#), [NP_001128247.1](#)

RefSeq Size: 3093 bp

RefSeq ORF: 1869 bp

Locus ID: 64837

UniProt ID: [Q9H0B6](#)

Cytogenetics: 11q13.2

Protein Families: Druggable Genome



MW: 68.9 kDa

Gene Summary: The protein encoded by this gene is a light chain of kinesin, a molecular motor responsible for moving vesicles and organelles along microtubules. Defects in this gene are a cause of spastic paraplegia, optic atrophy, and neuropathy (SPOAN) syndrome. [provided by RefSeq, Mar 2016]