

## Product datasheet for **RC217683L3V**

### **MKLPI (KIF23) (NM\_138555) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	MKLPI
<b>Synonyms:</b>	CHO1; KNSL5; MKLP-1; MKLP1
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
<b>Tag:</b>	Myc-DDK
<b>ACCN:</b>	NM_138555
<b>ORF Size:</b>	2880 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC217683).

**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.

<b>RefSeq:</b>	<a href="#">NM_138555.2</a>
<b>RefSeq Size:</b>	3697 bp
<b>RefSeq ORF:</b>	2883 bp
<b>Locus ID:</b>	9493
<b>UniProt ID:</b>	<a href="#">Q02241</a>
<b>Cytogenetics:</b>	15q23



**Domains:** kinesin

**Protein Families:** Druggable Genome

**MW:** 110.1 kDa

**Gene Summary:** The protein encoded by this gene is a member of kinesin-like protein family. This family includes microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein has been shown to cross-bridge antiparallel microtubules and drive microtubule movement in vitro. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2013]