

## Product datasheet for **RC219394L2V**

### LATS2 (NM\_014572) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LATS2 (NM_014572) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LATS2
Synonyms:	KPM
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014572
ORF Size:	3264 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219394).
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_014572.1</a>
RefSeq Size:	4098 bp
RefSeq ORF:	3267 bp
Locus ID:	26524
UniProt ID:	<a href="#">Q9NRM7</a>
Cytogenetics:	13q12.11
Domains:	UBA, pkinase, S_TK_X, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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**MW:** 120 kDa

**Gene Summary:** This gene encodes a serine/threonine protein kinase belonging to the LATS tumor suppressor family. The protein localizes to centrosomes during interphase, and early and late metaphase. It interacts with the centrosomal proteins aurora-A and ajuba and is required for accumulation of gamma-tubulin and spindle formation at the onset of mitosis. It also interacts with a negative regulator of p53 and may function in a positive feedback loop with p53 that responds to cytoskeleton damage. Additionally, it can function as a co-repressor of androgen-responsive gene expression. [provided by RefSeq, Jul 2008]