

## Product datasheet for **RC205758L2V**

### MARK3 (NM\_002376) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MARK3 (NM_002376) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MARK3
Synonyms:	CTAK1; KP78; Par-1a; PAR1A; VIPB
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002376
ORF Size:	2187 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205758).
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_002376.4</a>
RefSeq Size:	3474 bp
RefSeq ORF:	2190 bp
Locus ID:	4140
UniProt ID:	<a href="#">P27448</a>
Cytogenetics:	14q32.32-q32.33
Domains:	UBA, pkinase, TyrKc, KA1, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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**MW:** 81.4 kDa

**Gene Summary:** The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]