

## Product datasheet for **RC205844L4V**

### **BubR1 (BUB1B) (NM\_001211) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BubR1 (BUB1B) (NM_001211) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BubR1
Synonyms:	Bub1A; BUB1beta; BUBR1; hBUBR1; MAD3L; MVA1; SSK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001211
ORF Size:	3150 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205844).
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_001211.4</a>
RefSeq Size:	3749 bp
RefSeq ORF:	3153 bp
Locus ID:	701
UniProt ID:	<a href="#">O60566</a>
Cytogenetics:	15q15.1
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency
Protein Pathways:	Cell cycle



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**MW:** 119.5 kDa

**Gene Summary:** This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer. [provided by RefSeq, Jul 2008]