

## Product datasheet for **MR210346L4V**

### **Rps6ka2 (BC043064) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Rps6ka2 (BC043064) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rps6ka2
Synonyms:	Rsk3, pp90rsk, 90kDa, p90rsk
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC043064
ORF Size:	2199 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210346).
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="#">BC043064.1</a>
RefSeq Size:	5385 bp
RefSeq ORF:	2201 bp
Locus ID:	20112
Cytogenetics:	17 4.7 cM



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**Gene Summary:**

Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of transcription factors, regulates translation, and mediates cellular proliferation, survival, and differentiation. May function as tumor suppressor in epithelial ovarian cancer cells (By similarity). [UniProtKB/Swiss-Prot Function]