

OriGene Technologies, Inc.

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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. <u>More info</u>
OTI Annotation:	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
OTI Annotation: RefSeq:	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. <u>More info</u> This clone was engineered to express the complete ORF with an expression tag. Expression
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	Rps6ka2 (BC043064) Mouse Tagged ORF Clone Lentiviral Particle – MR210346L4V
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.

[UniProtKB/Swiss-Prot Function]

May function as tumor suppressor in epithelial ovarian cancer cells (By similarity).

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