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Product datasheet for RR208871L4V

Prkaa2 (NM_023991) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Prkaa2
Synonyms:	Ampk; Ampka2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023991
ORF Size:	1656 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208871).
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. More info
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:	NM_023991.1, NP_076481.1
RefSeq Size:	2652 bp
RefSeq ORF:	1659 bp
Locus ID:	78975
UniProt ID:	Q09137
Cytogenetics:	5q34

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Gene Summary: protein kinase that phosphorylates and inhibits acetyl-CoA carboxylase (ACC); rate-limiting enzyme in malonyl-CoA synthesis [RGD, Feb 2006]

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