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Product datasheet for RC211545L3V

RSK4 (RPS6KA6) (NM_014496) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RSK4 (RPS6KA6) (NM_014496) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RSK4
Synonyms:	p90RSK6; PP90RSK4; RSK-4; RSK4; S6K-alpha-6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014496
ORF Size:	2235 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211545).
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_014496.1
RefSeq Size:	2640 bp
RefSeq ORF:	2238 bp
Locus ID:	27330
UniProt ID:	Q9UK32
Cytogenetics:	Xq21.1
Domains:	pkinase, S_TK_X, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

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Protein Pathways: Long-term potentiation, MAPK signaling pathway, mTOR signaling pathway, Neurotrophin signaling pathway, Oocyte meiosis, Progesterone-mediated oocyte maturation

MW: 83.7 kDa

Gene Summary: This gene encodes a member of ribosomal S6 kinase family, serine-threonine protein kinases which are regulated by growth factors. The encoded protein may be distinct from other members of this family, however, as studies suggest it is not growth factor dependent and may not participate in the same signaling pathways. [provided by RefSeq, Jan 2010]