

## Product datasheet for **RC205636L4V**

### RBKS (NM\_022128) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	RBKS (NM_022128) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RBKS
Synonyms:	RBSK; RK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022128
ORF Size:	966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205636).
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_022128.1</a>
RefSeq Size:	1276 bp
RefSeq ORF:	969 bp
Locus ID:	64080
UniProt ID:	<a href="#">Q9H477</a>
Cytogenetics:	2p23.2
Protein Families:	Druggable Genome
Protein Pathways:	Pentose phosphate pathway



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**MW:** 34.1 kDa

**Gene Summary:** This gene encodes a member of the carbohydrate kinase PfkB family. The encoded protein phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]