

## Product datasheet for **RC212920L2V**

### **KCNK18 (NM\_181840) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KCNK18 (NM_181840) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNK18
Synonyms:	K2p18.1; MGR13; TRESK; TRESK-2; TRESK2; TRIK
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_181840
ORF Size:	1152 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212920).
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_181840.1</a> , <a href="#">NP_862823.1</a>
RefSeq Size:	1155 bp
RefSeq ORF:	1155 bp
Locus ID:	338567
UniProt ID:	<a href="#">Q7Z418</a>
Cytogenetics:	10q25.3
Protein Families:	Ion Channels: Potassium, Transmembrane
MW:	43.5 kDa



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**Gene Summary:**

Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains and the encoded protein functions as an outward rectifying potassium channel. A mutation in this gene has been found to be associated with migraine with aura.[provided by RefSeq, Jan 2011]