

## Product datasheet for **RC211314L3V**

### **KCNK9 (NM\_016601) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KCNK9 (NM_016601) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNK9
Synonyms:	K2p9.1; KT3.2; TASK-3; TASK3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016601
ORF Size:	1122 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211314).
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_016601.2</a> , <a href="#">NP_057685.1</a>
RefSeq Size:	3300 bp
RefSeq ORF:	1124 bp
Locus ID:	51305
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	42.3 kDa



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**Gene Summary:**

This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel dysmorphism syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]