

## Product datasheet for **RC215716L4V**

### **KCNC1 (NM\_004976) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KCNC1 (NM_004976) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNC1
Synonyms:	EPM7; KV3.1; KV4; NGK2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004976
ORF Size:	1533 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215716).
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_004976.2</a>
RefSeq Size:	1602 bp
RefSeq ORF:	1536 bp
Locus ID:	3746
UniProt ID:	<a href="#">P48547</a>
Cytogenetics:	11p15.1
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	57.8 kDa



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**Gene Summary:**

This gene encodes a member of a family of integral membrane proteins that mediate the voltage-dependent potassium ion permeability of excitable membranes. Alternative splicing is thought to result in two transcript variants encoding isoforms that differ at their C-termini. These isoforms have had conflicting names in the literature: the longer isoform has been called both "b" and "alpha", while the shorter isoform has been called both "a" and "beta" (PMIDs 1432046, 12091563). [provided by RefSeq, Oct 2014]