

## Product datasheet for **RC211497L4V**

### **KCNH5 (NM\_172375) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KCNH5 (NM_172375) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNH5
Synonyms:	EAG2; H-EAG2; hEAG2; Kv10.2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172375
ORF Size:	1833 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211497).
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_172375.1</a>
RefSeq Size:	3118 bp
RefSeq ORF:	1836 bp
Locus ID:	27133
UniProt ID:	<a href="#">Q8NCM2</a>
Cytogenetics:	14q23.2
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	69.3 kDa



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**Gene Summary:**

This gene encodes a member of voltage-gated potassium channels. Members of this family have diverse functions, including regulating neurotransmitter and hormone release, cardiac function, and cell volume. This protein is an outward-rectifying, noninactivating channel. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]