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Product datasheet for RC222290L1V

Kv3.2 (KCNC2) (NM_139137) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kv3.2 (KCNC2) (NM_139137) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNC2
Synonyms:	KV3.2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_139137
ORF Size:	1914 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222290).`
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. More info
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:	NM_139137.3
RefSeq Size:	5512 bp
RefSeq ORF:	1917 bp
Locus ID:	3747
UniProt ID:	Q96PR1
Cytogenetics:	12q21.1
Domains:	BTB, K_tetra, ion_trans
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

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MW: 70.2 kDa

Gene Summary: The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]