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Product datasheet for RC211613L3V

KCNIP4 (NM_147183) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNIP4 (NM_147183) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNIP4
Synonyms:	CALP; KCHIP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_147183
ORF Size:	687 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC211613).`
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_147183.2
RefSeq Size:	1373 bp
RefSeq ORF:	690 bp
Locus ID:	80333
UniProt ID:	Q6PIL6
Cytogenetics:	4p15.31-p15.2
Domains:	EFh
Protein Families:	Druggable Genome, Ion Channels: Other

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MW: 26.3 kDa

Gene Summary: This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belong to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. This protein member also interacts with presenilin. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]