

Product datasheet for RC213131L3V

OriGene Technologies, Inc.

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KChIP2 (KCNIP2) (NM 014591) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: KChIP2 (KCNIP2) (NM_014591) Human Tagged ORF Clone Lentiviral Particle

Symbol: KChIP2
Synonyms: KCHIP2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

 Tag:
 Myc-DDK

 ACCN:
 NM_014591

ORF Size: 855 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC213131).

Sequence:

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.

RefSeg: NM 014591.4

 RefSeq Size:
 2608 bp

 RefSeq ORF:
 858 bp

 Locus ID:
 30819

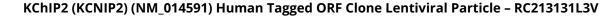
 UniProt ID:
 Q9NS61

Cytogenetics: 10q24.32

Protein Families: Druggable Genome, Ion Channels: Other

MW: 32.3 kDa







Gene Summary:

This gene encodes a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs 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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene. [provided by RefSeq, Jul 2008]