

Product datasheet for RC207051L1V

OriGene Technologies, Inc.

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Kir2.2 (KCNJ12) (NM_021012) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Kir2.2 (KCNJ12) (NM 021012) Human Tagged ORF Clone Lentiviral Particle

Symbol: Kir2.2

Synonyms: hIRK; hIRK1; hkir2.2x; IRK-2; IRK2; kcnj12x; KCNJN1; Kir2.2; Kir2.2v

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_021012

 ORF Size:
 1299 bp

ORF Nucleotide

OTI Disclaimer:

Sequence:

The ORF insert of this clone is exactly the same as(RC207051).

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

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 021012.4

 RefSeq Size:
 5230 bp

 RefSeq ORF:
 1302 bp

 Locus ID:
 3768

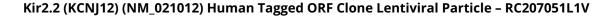
 UniProt ID:
 Q14500

 Cytogenetics:
 17p11.2

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

MW: 48.8 kDa







Gene Summary:

This gene encodes an inwardly rectifying K+ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]