

Product datasheet for **RC231227L4V**

KCNJ18 (NM_001194958) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	KCNJ18
Synonyms:	KIR2.6; TTPP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001194958
ORF Size:	1299 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC231227).

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_001194958.1](#), [NP_001181887.1](#)

RefSeq ORF: 1302 bp

Locus ID: 100134444

UniProt ID: [B7U540](#)

Cytogenetics: 17p11.2

MW: 49.3 kDa



Gene Summary:

This gene encodes a member of the inwardly rectifying potassium channel family. Transcription of this locus is regulated by thyroid hormone, and the encoded protein plays a role in resting membrane potential maintenance. Mutations in this locus have been associated with thyrotoxic hypokalemic periodic paralysis. [provided by RefSeq, Jan 2013]