

Product datasheet for RC231227L3

KCNJ18 (NM_001194958) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: KCNJ18

Synonyms: KIR2.6; TTPP2

Mammalian Cell Puromycin

Selection:

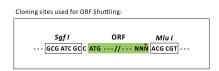
Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

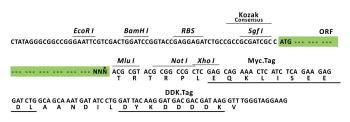
E. coli Selection: Chloramphenicol (34 ug/mL)

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

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001194958

ORF Size: 1299 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn



KCNJ18 (NM_001194958) Human Tagged Lenti ORF Clone | RC231227L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_001194958.1</u>, <u>NP_001181887.1</u>

RefSeq ORF: 1302 bp

Locus ID: 100134444

UniProt ID: <u>B7U540</u>

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]