

Product datasheet for RC232609

KCNJ15 (NM_001276436) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCNJ15 (NM_001276436) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KCNJ15
Synonyms:	IRKK; KIR1.3; KIR4.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC232609 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCCATTCACATCGGCATGTCCAGCACCCCTGGTGAAGCACACTGCTGGGGCTGGGCTCAAGG
CCAACAGACCCCGCTCATGTCCAAGAGTGGGCACAGCAACGTGAGAATTGACAAAGTGGATGGCATATA
CCTACTCTACCTGCAAGACCTGTGGACCACAGTTATCGACATGAAGTGGAGATACAACTCACCTGTTC
GCTGCCACTTTTGTGATGACCTGGTTCCTTTTGGAGTCATCTACTATGCCATCGCGTTTATTCATGGG
ACTTAGAACCCGGTGAGCCATTTCAAATCATACCCCTGCATCATGAAAGTGGACTCTCTCACTGGGGC
GTTTCTCTTTCCCTGGAATCCCAGACAACATTGGCTATGGAGTCCGTTCCATCACAGAGGAATGTCT
CATGCCATCTTCTGTTGGTTGCTCAGTTGGTCATCACGACCTTGATTGAGATCTTCATACCCGGAACCT
TCCTGGCCAAAATCGCCAGACCCAAAAGCGGGCTGAGACCATCAAGTTCAGCCACTGTGCAGTCATCAC
CAAGCAGAATGGGAAGCTGTGCTTGGTATTAGGTAGCCAATATGAGGAAGAGCCTCTTGATTCAAGTGC
CAGCTCTCTGGCAAGCTCCTGCAGACCCACGTACCAAGGAGGGGGAGCGGATTCTCTCAACCAAGCCA
CTGTCAAATCCACGTGGACTCCTCCTGAGAGCCCCCTCTCATTCTGCCATGACATTCTACCATGT
GCTGGATGAGACGAGCCCCCTGAGAGACCTCACACCCAAAACCTAAAGGAGAAGGAGTTTGAGCTTGTG
GTCCTCCTCAATGCCACTGTGGAATCCACCAGCGCTGTCTGCCAGAGCCGAACATTTATATCCAGAG
AAATCTACTGGGTTTTGAGTTTGTGCCTGTGGTATCTCTCTCCAAAAATGGAAAATATGTGGCTGATT
CAGTCAGTTTGAACAGATTTCGAAAAGCCAGATTGCACATTTTACTGTGCAGATTCTGAGAAAACAGCAA
CTCGAGGAGAAGTACAGGCAGGAGGATCAGAGGAAAAGAGAAGTGGAGACTTTTATTACAACAGAGCA
ATGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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.

RefSeq: [NM_001276436.1](#), [NP_001263365.1](#)

RefSeq Size: 3084 bp

RefSeq ORF: 1128 bp

Locus ID: 3772

UniProt ID: [Q99712](#)

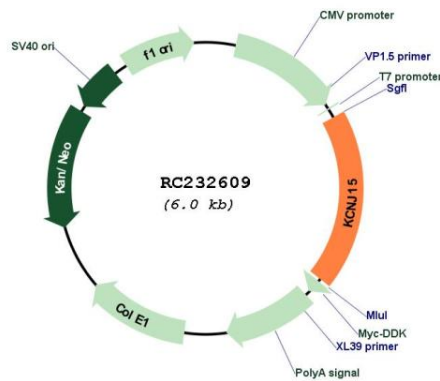
Cytogenetics: 21q22.13-q22.2

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

MW: 42.6 kDa

Gene Summary: Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Eight transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2013]

Product images:



Circular map for RC232609