

## Product datasheet for RC216787

### KCNJ15 (NM\_170737) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KCNJ15 (NM_170737) 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:	>RC216787 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGCCATTCACATCGGCATGTCCAGCACCCCTGGTGAAGCACACTGCTGGGGCTGGGCTCAAGG  
CCAACAGACCCCGCTCATGTCCAAGAGTGGGCACAGCAACGTGAGAATTGACAAAGTGGATGGCATATA  
CCTACTCTACCTGCAAGACCTGTGGACCACAGTTATCGACATGAAGTGGAGATACAACTCACCTGTTC  
GCTGCCACTTTTGTGATGACCTGGTTCCTTTTGGAGTCATCTACTATGCCATCGCGTTTATTCATGGG  
ACTTAGAACCCGGTGAGCCATTTCAAATCATACCCCTGCATCATGAAAGTGGACTCTCTACTGGGGC  
GTTTCTCTTTCCCTGGAATCCCAGACAACATTGGCTATGGAGTCCGTTCCATCACAGAGGAATGTCT  
CATGCCATCTTCTGTTGGTTGCTCAGTTGGTCATCACGACCTTGATTGAGATCTTCATACCCGGAACCT  
TCTGGCCAAAATCGCCAGACCCAAAAGCGGGCTGAGACCATCAAGTTCAGCCACTGTGCAGTCATCAC  
CAAGCAGAATGGGAAGCTGTGCTTGGTATTAGGTAGCCAATATGAGGAAGAGCCTCTTGATTCAGTGC  
CAGCTCTCTGGCAAGCTCCTGCAGACCCACGTACCAAGGAGGGGGAGCGGATTCTCTCAACCAAGCCA  
CTGTCAAATCCACGTGGACTCCTCCTGAGAGCCCCCTCTCATTCTGCCATGACATTCTACCATGT  
GCTGGATGAGACGAGCCCCCTGAGAGACCTCACACCCAAAACCTAAAGGAGAAGGAGTTTGAGCTTGTG  
GTCTCTCAATGCCACTGTGGAATCCACCAGCGCTGTCTGCCAGAGCCGAACATCTTATATCCCAGAG  
AAATCTACTGGGTTTTGAGTTTGTGCCTGTGGTATCTCTCTCCAAAATGGAAAATATGTGGCTGATT  
CAGTCAGTTTGAACAGATTTCGAAAAGCCAGATTGCACATTTTACTGTGCAGATTCTGAGAAAACAGCAA  
CTCGAGGAGAAGTACAGGCAGGAGGATCAGAGGAAAAGAGAAGTGGAGACTTTTATTACAACAGAGCA  
ATGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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\\_170737.2](#), [NP\\_733933.1](#)

**RefSeq Size:** 2850 bp

**RefSeq ORF:** 1128 bp

**Locus ID:** 3772

**UniProt ID:** [Q99712](#)

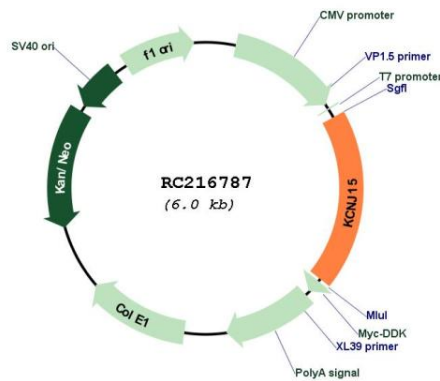
**Cytogenetics:** 21q22.13-q22.2

**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 RC216787