

Product datasheet for **SC214021**

KCNJ5 (NM_000890) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNJ5 (NM_000890) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNJ5
Synonyms:	CIR; GIRK4; KATP1; KIR3.4; LQT13
ACCN:	NM_000890
Insert Size:	2000 bp



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Insert Sequence:

>SC214021 3'UTR clone of NM_000890

The sequence shown below is from the reference sequence of NM_000890. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGTCCAGGGAGGCCAGGGGCTCGGTGTGAGGGGTGCAGCCTCCCTAAGACCTCCTGTCCTGACTGGCTTCA
GTGAACACAGACTGCAGAGCCTGGGAGCAGGGGAGGGGAATAGTTGAGTGTGTGTTTGGGGGCTCA
GGAGCCATCAAGGCTGTGGGAGGAACCATAAACCCAGCCCTCACAGCTCCCAGCACAGGGCCTCCCTG
AGCCAGTGGCATCCTGCCTGGGCCCCCATGGCAGTGTCTTGTAGGTGCTGGCTAAGGGCCAGG
CCAGGATGAGTTTCCCATGGTGAATGTTACCGGATGGCATCTGTTCTCTCCATGCCCTGGGTCACTTC
CTTTTTGGGTCTCACAGACCCCTCCAGGGGCTGACACCTAGAGAGAACCATCACCTTGCCCTCATTTC
CTTCCACCCTGAGGCTTGTGTGGACTCAGAGAGGAGACTTACCTGATGAGAGCTCAAACCTCTAGTCT
GGGATGAGCTCACAGAGCCCTCATGAGTTAAGATCCATCCATATCACATAGGCAATTCCTTTTAAATCA
GATACCAACGACCATTACTGAGAGGTACAGAGGTTACAGCCCTTGGTGTCTCTGCTGTTATCTGCCA
AATGTGTGTGTTTTCTCTGCTGTGTTCTGTGTGCCAGTGTAGCCTATTGGAGAAATCGGTCTCATTAA
GAGTGACTCTTAGAAGGTGGCCTGGGACTAGACAGCCCTCTGAGCACATGCATAGTGGCATCAGCAGC
TTCCTGGCCTACTCCCAATCACACTGTGCCCTGCACCTCCACCAAGGGGAAACCCAGCAGCTGGGGC
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CCTGAAAATCAGCAACTCCAGGGCTTTCTGATCTGGAGGCCAAGAGCAAGGGTGGAGGGGGCAGA
TTGTCAGGTCCCAGAAATGTGTGTGACACACACGGGCTTCGGGTTAGCTGGCCTGACATGGAGATAGAG
TGCCAATGTTCCAGGCCACAGAATTATGGAGGCCTCACCCACAGTATTACAGCTCTCAACTGGCCTT
TGAGAAATGGAAGCCTTTCTGCTGCGATATGGCGCTTCTTCTGGGAGAGGAGCAGAGCCACAGAGA
GGTAGGAAGTTGAGGCAGAGCAAAGGGAAGGCTTCAGAGCTTAGGCCCGTTTCTCAGAAAGTGT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

NM_000890.5

Summary: This gene encodes an integral membrane protein which belongs to one of seven subfamilies of inward-rectifier potassium channel proteins called potassium channel subfamily J. The encoded protein is a subunit of the potassium channel which is homotetrameric. It is controlled by G-proteins and has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Naturally occurring mutations in this gene are associated with aldosterone-producing adenomas. [provided by RefSeq, Aug 2017]

Locus ID: 3762

MW: 72.5