

Product datasheet for **SC208784**

GIRK2 (KCNJ6) (NM_002240) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GIRK2 (KCNJ6) (NM_002240) Human 3' UTR Clone
Symbol:	GIRK2
Synonyms:	BIR1; GIRK-2; GIRK2; hiGIRK2; KATP-2; KATP2; KCNJ7; KIR3.2; KPLBS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002240
Insert Size:	2000 bp



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Insert Sequence: >SC208784 3'UTR clone of NM_002240
 The sequence shown below is from the reference sequence of NM_002240. 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
GCAAACCTGGAGAATGAATCCAAAGTTAGTGGCCCTAGCTGGCAAACCCCTCTCTCTCCCCCAACA
CAATCTTTCCTTGTCTCTCATTCTCTTTCTTTTCTGTCTCTTGTCTTTTATTGTTTATAT
TTAATTTTACATGACCAGAAAACAAATCTTCAAGGTGTAATAATCTACCTGCCCTCTCTCAGTTATT
CAGATTGACAAGGTAGACATGGATTTGATGAAAGTGCAAAGTGCCCTCATTTGTGGCCCAAGCCTGGTC
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TATTCATTCAGTGAGACACAGAGTGGAGCCCTCAGTTTTATGGATCCCAATTCATTTCTACTACAG
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CCATAGAACAGAAGTCTAAATACTGTACATAGATGTATCATTAAATGTAGGTTTATAGATATAAAGTTA
GAAATAAGAAGCAAAAAAAAAAAGAAAGAAAGAAAGATTCCATAACATGCAGTAGGCAATTTCTGTTTTGA
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TTTAACACAGTTGCCATCATAAATATTCATTGAATGGATCCAAGTTTATTTTTCAGCTCCTACAGCTGT
GCTCAGTTTGGGCTCTGCACCATGGAGGTCAAAGAGATCAAACCTAGCTGTCCCTCTTTGTTTCCCTTG
CCTTCCCTGACCTGATCGCACAGGCCTTTGGTGTAGTCTGGGACCTTGTCTACTAAAAAAGAAAGTCCC
AGGATAAGGAAAGTGGCTCCTAAATAAACCTCGGGCCCTCTCTCTCCCATCTCAGAGACCTTGGAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_002240.5](#)

Summary:

This gene encodes a member of the G protein-coupled inwardly-rectifying potassium channel family of inward rectifier potassium channels. This type of potassium channel allows a greater flow of potassium into the cell than out of it. These proteins modulate many physiological processes, including heart rate in cardiac cells and circuit activity in neuronal cells, through G-protein coupled receptor stimulation. Mutations in this gene are associated with Keppen-Lubinsky Syndrome, a rare condition characterized by severe developmental delay, facial dysmorphism, and intellectual disability. [provided by RefSeq, Apr 2015]

Locus ID:

3763

MW:

75.3