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Product datasheet for SC206334

KIR2.3 (KCNJ4) (NM_152868) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIR2.3 (KCNJ4) (NM_152868) Human 3' UTR Clone
Symbol:	KIR2.3
Synonyms:	HIR; HIRK2; HRK1; IRK-3; IRK3; Kir2.3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152868
Insert Size:	498 bp
Insert Sequence:	>SC206334 3'UTR clone of NM_152868 The sequence shown below is from the reference sequence of NM_152868. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATCTCCTACCGCAGGGAGTCTGCCATCTGACCTCCAGGCCCGGCCCTCACCACTGCCCACAAGAGCCTC TGCCGGGGGTGGGATGCCAGGACACCCCCTCCCACACTCAGGACAGAGCCAACCCTGGCTCCGTGGACC TTCTGGAGGAAGGTGGGGGTTTCAAAGACTGGGGGACCCCTTCCTCCTGACTCCAGCACCCAGGCCTGG GAAGAGCTCGGCCCCGATCAGCCTGAGTTCCGCCAGCGCCTACTTCTGGTGGCTCTAGGTCCCCGGATC CACCACCCTTCCCCCACTGACTCTTCAAGGACGTGCCCTCTTTGCTCTCAGAACCTTGGGGAAGGTGGC TGGACTGCTGGGCGGGGGACATCTCGGGGTTTCAGGGTGGGCAGGGGGTTAGTTTGGGGAGGGGGGGT GCGTTTCTTTTGCATGACTGTGGCCTGTTGCTCATGACTTTCTTTTGTAAATATCTATAAATGGAGACA GATGGAGACACCAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).

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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_152868.3

Summary: Several different potassium channels are known to be involved with electrical signaling in the nervous system. One class is activated by depolarization whereas a second class is not. The latter are referred to as inwardly rectifying K+ channels, and they have a greater tendency to allow potassium to flow into the cell rather than out of it. This asymmetry in potassium ion conductance plays a key role in the excitability of muscle cells and neurons. The protein encoded by this gene is an integral membrane protein and member of the inward rectifier potassium channel family. The encoded protein has a small unitary conductance compared to other members of this protein family. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 3761

MW: 18.1