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Product datasheet for SC214588

KCNJ15 (NM_170736) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNJ15 (NM_170736) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNJ15
Synonyms:	IRKK; KIR1.3; KIR4.2
ACCN:	NM_170736
Insert Size:	2000 bp

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Insert Sequence:

>SC214588 3'UTR clone of NM_170736
The sequence shown below is from the reference sequence of NM_170736. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACACTTTTATTACAACAGAGCAATGTCTGATCACAGGGGCGCCATCCAGGTTTAACCCTGCAAGCTGTT
TCCACATCAGAACTCCCTTCAAACACAAAGATTGCTGTGAAAACGAAAATGTGTAGACGCACTCTCAAA
AACTGCACGGACATACAAAATCAATCTTTTCCTTTGATCTTGTGGCTAAACCAGCATTTCTGTGTTTGA
GAGATTTCCTGTTAGGTGCTTCGTCTGAAAGTGAACTCTCATAATTCAAATTGTATAAAATAAAGCTAC
ATTTCTAAGAGCTTGGTGTAGGGCAATTGGAATAATGTCCTGTTAGATAAACAGACATTTAGCAATCCT
GACATTAAAAGGAAATGTATTTCTATACAAGATTATTAGCTGTAATACAAGATATTTATTTAACCAATG
ACCTTATGGCTGAGAGTTGAATTGTGGTTCAGTATTCATTGATCTCACTGCTTTAAAACATGCTCTTTT
TGTTCAAGCAGGAAAAATATTATATCTAATTATGTCTATGTGGTAATACCTAAAAAGAGGTAGAGAGAC
TCTATGTTCACAAAATATAGTAATTTCATTTTTACCTTTCTTCAGTGGACTGAATTGTATGGAAGGAAA
TTGATCAGATCTGTAATTCACAACTGTGGAAACCTACACAAATGGGGCTGATGCCATTGTTTCCTCTAT
TTTATTTTATTTATTTTTGAATCCACTATCTCTTTCCATTCAAAATATTTCCATTCAAAATGTGGTTCA
CAGACCCGCCACATCAGCACCATCCGAGAGCTTATTAGTAATGTGTAGATTCTCATGTCCCAGCCAGAC
TTACAGAATTGGGGTCTGTATCTTAACAAGAACCCCAGATGATTTGTGTACAAATGAAAGTTCGAAAGC
TGTGCTCTGGACAGTGTTCTCAAAGCAACTTTCTGAAGCCGTGTGGAAAACTGACTCTGTGTGGGTCCC
GTATCCCTGTGGCATCCAGACCTGGCCTCTCTTCATTTCATTATTATTGGCCAATATTTCTTTCAGCCA
TTTCATTTCTTATCTATTAAAATGGCTTGCCCATAAAGGAACTGCATAGGATTATCCCCTGACATTCCA
AGAGCAAAATAAAGCTCTTGAGAGTAATTGTTGTCTCAGTCATGCTTGCTGATTACAGTTAGCACAAAA
GAAAAATTCAGCTGCCTGACAATACAGGAAATGTTCTCAGATGCTGATGTTTGTAAGGTCCGGTGGGGC
CATGAGGAAGAAGAGGAGCTGAAGGTAAGAAACTCATAAACAAGATGACTCTTTGATGCATGAACAAGA
TTTGAAAATCTCAAGCCTGTAAAGAATACCCCTGCTATTTAAATAAAGCTCATACCAAGAGGTAACATT
TTGCCCCGGGCCAAATTCAGGGGTCTAGTGCCCTGCATTCCTTTGAGGCAAAAAATAAATGGGCTATGA
CTGGTTAAATGTCCAAAAGGTGAATTCTCATTTCATTCAAACAAAGACAGATTTGCGCATTCACTCAAG
CAGAATGTGGCCATGAATATTCAGCCCCTGCATACATACAAAGATGTACGCATGATTCCCCCCACCAAG
CACACACACAGTCACACACGCACACACACACACATGCACACACGCGCGTGCACACACGCACACATGCAC
ACACACATACGCACACGTAAACACATGCACACATGCACACACGCGCACACATGCACACACGCACACACT
TGCACAGGCCCTGGCTCTTCAAGCATAATCATGGTAGTCATCAGTGAAAGACATTTGAGGTTAAGACAG
CAAGTCCTTGACAAATATGTTCATGTCTATTTGGTTCTAGTTCTATAAAAATATGAACATTGGGACTCA
GAGAAAATGGGGAAAATAAAGTGGATTCAGGTTATCAGTGAAATGATGGTATAGATTACAGCAAATCTG
GATATATATTGATGTTACTGCATTTGCAAATGTCCTCCCATTAAACAGAAAATGTGGCTAAAATCCCT
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).

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_170736.3

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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]
Locus ID:	3772
MW:	77.6

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