

Product datasheet for RN211506

Kcnj9 (NM_053834) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnj9 (NM_053834) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnj9
Synonyms: Girk3; Kir3.3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211506 representing NM_053834
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCAGGAGAACGCCGCTTCTCTCCCGGTTCGGAGGAGCCACCGCGCGCCGGTCGCCAGCGCT
 ACGTGGAGAAGGACGGCGCTGCAACGTGCAGCAGGGCAACGTCCGCGAGACCTACCGCTACCTGACCGA
 CCTGTTACCACGCTGGTAGATCTGCAGTGGCGCCTCAGCTGCTTCTTCGTGCTCGCCTACGCGCTC
 ACTTGGCTCTTCTTCGGCGCCATCTGGTGGCTCATCGCCTACGGCCGCGCGACCTGGAGACCTGGAGG
 ACACCGCTGGACACCGTGCCTCAACAACCTCAACGGCTTCGTGGCCGCCTTCTCTTCCATCGAGAC
 AGAAACCACCATCGGCTATGGGCACCGTGTATCACCGACAGTGCCCGGAGGGCATCGTGTGCTGCTG
 TTGCAAGCCATCCTGGGCTCCATGGTGAACGCTTTCATGGTGGGCTGCATGTTTCGTAAGATCTCGCAGC
 CCAACAAGCGCGCCGACGCTCGTCTTCTCCTCGCACGCGGTGGTGTCTCTGCGCGACGGGCGCCTCTG
 TCTCATGTTTCGCGTGGGGACCTGCGATCCTCGCACATCGTTCGAGGCCATCCATCCGCGCCAAGCTCATC
 CGCTCGCGCCAGACGCTCGAGGGCGAGTTCATCCCTTGACACAGACCGACCTCAGCGTGGGCTTCGACA
 CGGGGACGACCGCCTTCTCTCGTCTCACCTCTCGTATCAGCCATGAAATCGAGCCGCGCCAGCCCTT
 CTGGGAGGCATCGCGCCGCGCCCTCGAGAGGGACGACTTCGAGATCGTAGTCATTCTCGAGGGCATGGTG
 GAAGCCACGGAATGACGTGCCAAGCTCGAAGCTCGTACCTGGTAGACGAAGTGTGTGGGGCCACCGAT
 TCACATCCGTGCTCACCTGGAGACGTTTCTATGAGGTGGACTACGCTAGCTTCCATGAAACCTTTGA
 GGTGCCACACCCTCATGCAGTGTTCGGAACTGGCAGAAGCTGCAGCCCGCCTTGACGCCATCTCTAC
 TGGTCCATCCCCAGCAGGCTGGATGAGAAGGTGGAGGAAGAAGGGGCTGGGGAGGGGCGAGGCGCAGGAG
 ATGGAGCTGACAAGGAGCAAAATGGCTGCCTGCCACCCCGGAGAGTGAGTCCAAGGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053834
Insert Size:	1182 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_053834.1</u> , <u>NP_446286.1</u>
RefSeq Size:	2319 bp
RefSeq ORF:	1182 bp
Locus ID:	116560
UniProt ID:	<u>Q63511</u>
Cytogenetics:	13q24
Gene Summary:	G-protein activated potassium channel [RGD, Feb 2006]