

Product datasheet for **RN215192**

Kcnj15 (NM_133321) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnj15 (NM_133321) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnj15
Synonyms: Kir4.2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215192 representing NM_133321
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTAGCCAGGTGGGTGAAGGGGAGCGAGGACGCGCCACTTGCCTGCAGAAGATTCTGACCTACAGA
GTGGTCCAAGGAGCCTGAGGATGGAGGCCATTACATTGGCATGCCAGTGCCCACTGGTGAAGCACAG
CAATGGGGTTGGACTCAAAGCCACAGGCCCGAGTCATGTGCAAGAGTGGACACAGCAATGTGAGAATT
GACAAGGTAGACGGTATCTATTTGCTCTACCTCCAGGACTTGTGGACGACAGTCATCGACATGAAGTGGA
GATATAAGCTCACCTGTTTGTGCCACCTTTGTGATGACCTGGTTTCTTTTGGGGTGGTCTACTATGC
CATAGCTTTTATTCATGGCGATTTAGAAGCTCGGGGAATCTAATTCTAACCACACGCCCTGCATTATGAAA
GTGGATTCCCTCACAGGGGCACTTCTTTTCTTGGAGTCTCAGACAACCATTGGCTATGGGGTCCGTT
CCATCACAGAGGAGTGTCCACGCTATCTTCTTGGTTGCCCACTGGTTCATCACCACTTGAATGA
AATCTTCATTACTGGAACCTTCTGGCCAAGATTGCAAGACCCAAAAGCGAGCCGAGACCATTAAAGTTC
AGCCACTGCGCCGTCATCAGCAAGCAGAATGGGAAGCTATGCCTGGTTCATCCAGGTGGTAAACATGAGGA
AGAGTCTCTTGAATTCAGTGCCAGCTTCCGGAAAACCTCCAGACACATGTTACCAAAGAGGGGAGCG
CATTCTCCTCAACCAGGCTACTGTCAAATTCAGGTGGACTCCTTCCGAGAGTCCCTTTCTCATCCTG
CCTATGACCTTCTACCATGTGTTGGATGAGACGAGCCCTGCGGGACCTCACACCCAGAACCTAAAGG
AAAAGGAGTTTGAATTGGTGGTCTTCTCAATGCCACCGTGAATCCACCAGCGCAGTCTGCCAGAGCCG
AACGTCTTACATCCAGAGGAGATCTACTGGGCTTTGAGTTTGTGCCTGTGGTTTCTCTCCTCAAAAAT
GGAAAGTATGTGGCTGATTTAGTCAATTTGAGCAGATCCGGAAGAGCCCGGATTGTACCTTCTACTGTG
CGGATTCTGAGAAACAGAAGCTTGAAGAGCAGTACAGGCAGGAGGACCAGAGGGAACGTGAGCTGAGGAG
CCTTCTACTGCAGCAGAGCAACGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_133321
Insert Size:	1218 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:	NM_133321.2 , NP_579855.1
RefSeq Size:	1486 bp
RefSeq ORF:	1218 bp
Locus ID:	170847
UniProt ID:	Q91ZF1
Cytogenetics:	11q11
Gene Summary:	inwardly rectifying potassium channel involved in charge balance in the membrane during bile secretion [RGD, Feb 2006]