

Product datasheet for **MC202181**

Kcnv2 (NM_183179) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnv2 (NM_183179) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcnv2
Synonyms:	KV11.1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC039042 sequence for NM_183179
 AGGAAGAGCAGCTTTGAGGGTAATGCCTAGGGCCCCAGTTTGGCTGGCCTCTCTAAAACAGTGCAGGGCAG
 TGTACTCTCCAGGGGCCATAGACAGGCAGGAGAGATAGGCCAGGAACTGACTCCCACCACCATGCTGAA
 ACAGAGCAACGAGAGGAGATGGTCCTTGAGCTACAAGCCCTGGAGTACCCAGAGACTGAGGATGTGCC
 AACACTGGGAGCAACCAACCCGAGGAGCATCTGCTCCTTGGGAGCCCGCACTGGCTCTCAGGCCAGCA
 TCGCACCACAATGGACCGAGGGCAACTACAATTACTACATTGAGGAAGATGAGGACTGCGGGGAGGAGGG
 GGAGGACTGGAAGGATGATCTTGCCGAAGAGAATCAGAAGGCGGAGTGCCTCACAAAGCCTCTGGATGGC
 CACAACGATACTCCAGCCAAATGTCCACGCTGAAAGTGAACGTAGGCGGCCACAGCTATCTGCTGGAAT
 GCTGTGAGCTGGCCAACTACCCAAAACGCGCCTGGGTGCGCTGGCCACCTCCACCCTCGCAGAGGCCA
 GCTGGGCTGTGTGATGACTACGAGGCACAGACAGACGAGTACTTCTTTGACCGTACCCAGCGGTCTTC
 CAGCTCATCTACAACCTTCTACACATCCGGGGTGTGCTGGTGCGAGACGAGCTGTGTCCACGCAGCTTTC
 TCGAGGAGCTGGGCTACTGGGGAGTGAGGCTCAAATACACGCCACGCTGCTGTGCGCATCTGCTTCGAGGA
 GCGGAGGGATGAACTGAGCGAGCAACTGAAGATCCAAAGGGAGCTGCGCGCGCAGGCCGAGGCCGAGGAG
 GCCGAGGAGCTCTTTCGGGACATGCGCTTCTATGGACCACAACGTCAACGCCCTCTGGAACCTCATGGAGA
 AGCCCTTTTCTCTGTGGCCGCCAAGGCCATGGGGGTGGCCACCAACCTTTCGTGCTCATCTCCGTGGT
 GGCCCTGGCGCTCAACACGGTGGAGGAGATGCAGCACCAGGCGGAGCAGGGCACAGGTGGTGGGGACCC
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 TTTCTACCTGCAGCTGCTGCTCGAGTGTTCACGAGCGAGGACCAAGGACCAACAGGACTCCCCACGA
 GAACACGACCTGGAGACCTGGGCGGAGTGGGCAAGGTAGGCCAGGTGCTGCGCATCATGCGCCCTCATGC
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 GTGCTACCAGCAGGTGGGCTGCCTGATGCTCTTCACTATGGGCATCTTCTCCTTCTCTGAGCTGTC
 TACTCGGTGGAGCACGACGTGCCTGGTACCAACTTACCAGCATCCTCCATGCCTGGTGGTGGGCCGCG
 TAAGCATCTCCACCGTGGGCTATGGAGACATGTACCCGGAGACCCACCTGGGCAGGCTTTTTGCCTTCT
 CTGCATCGCTTTTGGCATTATTCTCAATGGGATGCCCATTTCCATCCTCTACAACAAGTTCTCCGATTAC
 TACAGCAAGCTCAAAGCTTACGAGTACCCGCCATCCGGAGGGAACGAGGAAAGGTCAACTTTATGCAGA
 GAGCCACAAGAAAATGGCTGAATGTTTATCTGAAAGTATGCACAGTCCACCACAAGGCAAGAGAATTA



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AGGCTTCATTAGGACACAAGGATGGTTGAACCCATGAATTTCAAAGCTTCATTGCTTCTTTAAAATTAT
 GGTCCCCTCCTGGCAACAGAGGGGCATGTGATGCCAACACACAAAAGAGCATTCTGTTCAAAGTCTAA
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 ACTATGCATCTAGTCTGTAACCTCGTTTTAACCCCTCAGTGACCCCTAAGTTAGATGCTGTGGTTGTTCTA
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 GACTGGGCTTTAAGCCAAGGTTCTGAGGCACAAGACTGTTGGGAGTCTAAATGTATGACTTTCTTAC
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 TCTCTTAATGATGAATTTCAACCAAGAAATGTAAGATGAAATATGCCCTCTCTTGCCTTTGTTGCTTTT
 GGTGATGGTATTTTCAAGGCAACAACAAATCAGAAGAGTGTCTTACTCTGTGACAGAATTCTATGGATTGA
 GCAATATAAATAGTGTGTTGATCCCTCAGCTCTGGAGGCTAGAATTCAAGATCAAGACACAGGCAGTTG
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 ATCCTAAAAGCATAAGGCAAGCTCACTGAACGCTGACTCAAAGTATCGTATAAGGGCCTTGATCCCATAG
 TTCATGAAGGAACAGCCTCATAGCTTAATCAGCCCTGAACACTTCACTCTTTATATGCCACGGTGACAA
 CACACCTGACTTACAGAGAGCCCTACTCAAGCCAAAAGCAGAGTCAAACCTGAAATTTTAGATAAGCAG
 CGATTTTTGATAGAAATATGGCTCAAATATTGCATAGAATATACTCCTAAAATTCAAATCTATCTACAAG
 TCTGGCATTGCTTTGTTAAATCTGATAATCCTATACTATTGTTTTTTAGAGACAAAAGTTTCCCAAG
 CCCTAAAACCAACCCAAACAGCACACCCTTCAAGCAAGAGAGTCTTCTCTTTCCCTTGGCAAGTAAAG
 AGAGGAGGAATTTGAACCAGTTTCTTGGCAGAAGTAATCATGTGAACTCAGTCAGTCACATATCCAC
 ATAACACAGTCAACAAGGCAGCTGCCCTCCATCCATCCCAGCTCTCTAGCACTTCAACTCCAGGGATG
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 CCTCCCCAGGGAGTAAGAACAGCAGGCAGAATACAATTAACACACACAAAAAGAACATTTTGTGAGCTT
 CACTGTGTCCCAGGCGTAGGAACATTATTTAATGTAATACTTCACTTGCCTTATCAAGGTTTCCCTGGTC
 ACTCACAAGGCTTAGTCACAATGAGCTTACTCTTGATTTTAAAGCTGATTCTGCAATGACTCCACATT
 GTGGAGTCATATGAAGTTGACACATTATCAAACATGATTGAATATTGGCAGTTTCTGTTGATGACCT
 AATAGTTATGGGTTACAATTTCTCAACTTGTCCACATTGTTAACATGGAAATAAATGGTGTGTT
 TCCTCACAATTTGATGGCTATTAATGACATTGTGCATATTTAAAACCTTATGATCCTGGCACATGTTA
 TGTATTAATAAAAAATTGGTCCCTCTTCTCTTTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_183179
Insert Size: 1689 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:	BC039042 , AAH39042
RefSeq Size:	5092 bp
RefSeq ORF:	1689 bp
Locus ID:	240595
UniProt ID:	Q8CFS6
Cytogenetics:	19 C1
Gene Summary:	Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values (By similarity).[UniProtKB/Swiss-Prot Function]