

## Product datasheet for **RN212325**

### **Kcnv2 (NM\_001106370) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kcnv2 (NM_001106370) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnv2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212325 representing NM\_001106370  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGAAACAGAGCACCAGAGGAGATGGTCCTTGAGCTACAAGCTCTGGAATACCTCAGAGACTGAGG  
 ATGTGCCCAACACTGGAAGCAACCAACACCGTAAGAGCATCTGCTCCATGGGAGCCCGACTGGCTCTCA  
 GGCCAGCATCGCACACAGTGGACCGAGGGCAACTACAATTACTACATCGAGGAAGATGAGGACTGCGGG  
 GAGGAGGAGGATTGGAAGGATGATCTTGCTGAAGAGAACCAGAAGCCCGAGGGCCCCCAGCTCCACTGG  
 ATGGCCACACTGACACTCCAACCCAGCTGTCTACGCTAAAAGTAAACGTAGGCGGCCACAGCTATCAGCT  
 GGAATGCTGTGAGCTGGCAACTACCCAAAACCGCCTGGTTCGCTGGTACCTCCACCAGCCGCAAC  
 TGCCAGCTGGGCCTGTGCGATGACTACGAGGCAAAGACTGACGAGTACTCTTTGACCGTACCCGGCGG  
 TCTTCCAGCTCATCTACAATTCTACACATCAGGGGTGTTGCTGGTGCAGACGAGCTGTGTCCACGAAG  
 CTTCTGGAGGAGCTGGGCTACTGGGGCTGAGGCTCAAGTACAGCCACGCTGTGTGCGATCTGCTTC  
 GAGGAGCGGAGGGACAACTGAGCGAGCAACTGAAGATCCAAAGGGAGCTGCGTGCAGGCGCAGGCCG  
 AGGAGGCCGAGGAACCTTTTCGGACATGCGCTTCTATGGACCACAGCGTCAGCGCCTCTGGAACCTTAT  
 GGAGAAGCCCTTCTTCCGTAGCCGCCAAGGCCATGGGGTGGCCTCCAATCTTTCGTCCTCATCTCC  
 GTAGTGGCCCTGGCGCTCAACACGGTGGAGGAGATGCAGCACCAGGCGGAGCAGGGCACAGGTGGTGGGG  
 ACCCCAGGCCATATTGGAGCACGTGGAGATGCTGTGCGTGGCTTTCTTCACTCTGGAGTTCCTGCTGCG  
 CCTCGCTCCACCCCAACCTGCGGCGCTTTCACGACGAGCGCCCTCAACCTGGTGGACCTGGTGGCCATT  
 CTGCTTTCTACCTGCAGCTGCTGCTGGAGTGCTTACGAGCGAGGACCAGAGGCATGGCAAGGGTCCC  
 CACGGGAACACGACCTGGAGACCGTGGCCGTGTGGCAAGGTGGCCAGTCTGCGCATCATGCGCCT  
 CATGCGCATCTTCCGCATCCTCAAGCTAGCCCGCACTCCACAGGTTTGGGGCCTTCGGCTTCACGCTG  
 CGCCAGTGCTACACGAGGTTGGCTGCCTGATGCTCTTCACTATGGGCATCTTTTCTTCTCTGACG  
 CGGTCTACTCGGTGGAGCACGACGTGCCTGGTACCAACTTACCAGCATCCTCCATGCCTGGTGGTGGGC  
 TGCGGTAAGCATCTTACCGTGGGCTATGGAGACATGTATCCAGAGACCCACCTGGGCAGGCTTTTTGCC  
 TTCCTCTGCATCGCTTTGGGATTATTCTCAACGGGATGCCATTTCCATCCTCTACAACAAGTTCTCCG  
 ATTACTACAGCAAGCTCAAAGCTTACGAGTACCCGCCATCCGTAGGGAACGGGAAAAGTGAACTTTAT  
 GCAGAGAGCCACGAAGAAAATGGCTGAATGTTTATCTGGAAGTATGCACAGTCCGCCACAAGGCAAGAG  
 AAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106370

**Insert Size:** 1686 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:**

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\\_001106370.1](#), [NP\\_001099840.1](#)

**RefSeq Size:** 5201 bp

**RefSeq ORF:** 1686 bp

**Locus ID:** 294065

**Cytogenetics:** 1q52