

Product datasheet for **RN207611**

Kcng4 (NM_001107435) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcng4 (NM_001107435) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcng4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207611 representing NM_001107435
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATGTCTTCCCGAGGCAGGGACCTGCATCCTGGACATCATCACTTTGGCCCTGCAGCCCCTTGA
 CCCAGTTCCTGGCCTGGCCCGGAGCCTCAGTCAGTCAAAGCCTCTACTACCGCAGGGCCCGAAGGTGAG
 CACCTTGATGCCTCTCCAGAGGCCAACCTGAAGGAGATCCTGGTGAACGTGGGTGGCCAGCGGTACCTG
 CTGCCCTGGAGCACCTGGATGCCTTCCCGCTGAGCCGCCTGAGCCGGCTCCGGTTGTGCCCGAGTTATG
 AGGAGATCACACAGCTCTGTGATGACTACGATGAGAACAGCCAGGAGTTCTTCTTTGACAGGAACCCAG
 CGCCTTTGGGTGATCGTGAGCTTCTGGCCCGGGAAAGCTGGTGCTTCTGCGAGAGATGTGCCCTG
 TCCTTCCGGGAGGAGCTGAGCTACTGGGCATCGAGGAAGCCAACCTGGAGCGTGTCTACGCAAAC
 TGCTGAAGAAGCTGGAGGAGCTGCCGAGCTGCCCGGGAGGAGCCGCCAGCGCCAGCAGCAGCGCCA
 GGCTGCCACTCCGAAGTGCAGGCTTCGCGATGGGCCCGCAGCATGAACCAGCTGCGGGAGATGGTGGAG
 GACCCACAGTCAGGGCTGCCCGGAAGGTCTTCGCTTGCCTCTCCGTTCTTCTGCGCAACCACGGCTG
 TCAGCCTGTGTGTGAGCACCATGCCGACTTCAGGGCTGAGGAGGACAAGGGAGAATGCGCTAGAAAGTG
 CTAACATCTTCGTTGGTGGAGACCATCTGTGTGGCCTGGTTCTCCCTGGAGTTTTCCTGCGCTTTGTC
 CAGGCCCGAACAATGTGAGTTCTTCCGCGGGCCCTGAATGTCATCGACATTCTAGCCATCTCCCAT
 ACTACGTGTCGCTCGCGGTGTCTGATGAGTCCCGGAGGCAGGTGAGAGGCCGAGTGGCAGCTCTACCT
 GGAGAAAGTGGGCTGGTGTGCTGCTGTTCTGCGGGCACTGCGCATCCTCTATGTGATGCGCCTGGCCCG
 CACTCGCTGGGGCTGCAGACGCTGGCCCTCACTGTGCGCCGCTGCGCCGAGAGTTTGGCCTCTTGCTGC
 TCTTCTGGGTGTGGCGGTTACCCTTTTCTCCTTTGGTCTATGTGGCTGAGAATGAGTCCGGAAGGGT
 CCTGGAGTTCAGTACATCCCCGCGTCTATTGGTGGCCATCATCTCCATGACCACGGTGGGCTATGGG
 GACATGGTCCCTCGTAGCGTGCCGGGACAGATGGTGGCTCTGAGCAGCATCCTTAGCGGGATCCTCATCA
 TGGCTTCCAGCCACATCCATCTTCCACACGTTCTCTCACTCTACTTGGAGCTGAAGCGGGAGCAGGA
 GCAGGTCCAGGCCCGCTCCGGCGTCTTCAACAACAATTCAGCCAGCGAACGGGAGCTCTGAGTGAC
 GTAGATGACCTGGCCCCGAGGACCTGACCTCCCCAGGCCGCTACATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107435

Insert Size: 1521 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_001107435.1](#), [NP_001100905.1](#)

RefSeq Size: 4083 bp

RefSeq ORF: 1521 bp

Locus ID: 307900

Cytogenetics: 19q12