

Product datasheet for **MC216730**

Kcng2 (NM_001190373) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcng2 (NM_001190373) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kcng2
Synonyms:	AA591524
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216730 representing NM_001190373
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGCTCTGGGGCACCCGGAGGCCCCGACGCGGAGCCTGGCAGCGCAGGCCGACGGGGCCGTG
 GCGGCCGCGGGGCCCGGGCGCGCCACGTCAATTATCAACGTCGGGGGCTGCAGGGTGCCTTGGCCTGGG
 CGCGCTGGCCCGCTGTCCCTGGCGCGCCTCGAGCGCCTGCGAGCCTGCCGCGGCCACGACGAGCTGCTG
 CGCGTGTGTGACGACTACGACGTGAGCCGCGACGAGTTCTTTCGACCGCAGCCGTGCGCTTTCCGCG
 CCATCGTGGCGCTGCTGCGCGCCGGCAAGCTAAGGCTGCTGCGCGGCCGTGCGCCCTGGCCTTCCGCGA
 CGAGCTGGCCTACTGGGGCATCGACGAGGCGCGGCTGGAGCGCTGCTGCCTGCGCCGCTGCGCCGCCG
 GAGGAGGAGGCCCGGAGGCCAGCGCCGCGCAGCCCGCCGAGGGCCGCCAGCAGCCCGGGCCGAGCC
 TGGGCAGCGGGCGGCTGGAGCGAGGCCACAGCGCCTGCGCGACGTGGTGGAGAACCCTCCGACTCCGGCT
 GCGGGGACAGGCTCTTCGCTACGTCTCCGTGGCCTTCGTGGCCGTACAGCCGTGCGCCTGTGCCTGAGC
 ACCATGCCGGAGTCCGCGCAGAAGAGGAACGGGGCGAGTGTCCACAAAGTGCCGCAACCTGTTCTGTC
 TGGAGACGGTGTGCGTGGCCTGGTTCTCCTTCGAGTTCCTGCTGCGCTCCCTGCAGGCTGAGAGCAAGT
 CGCCTTCTCCGACGCCGCTTGCCATCATCGACATCCTGGCCATCCTGCCCTTCTACGTGTCGCTGCTC
 GCGGGACTGGCGGCAGGGCCACGGGCAGCAAGATGCTGGAGCGCGGGGTCTGGTGTGCGGGTGTGTC
 GGGCGCTGCGCGTGTCTACGTGATGCGCCTGGCGGCCACTCGTTGGGGTGCCTCGCTTGGCCTCAC
 CGTGGCCCGCTGCGCACGCGAGTTGGACTGCTGCTGCTTCTCCTGCTGCGTGGCCATGGCGCTCTTCGG
 CCGCTCGTGCACCTGGCTGAGCGCGAGCTGGGCGCTCACCGGACTTCTCCAGCGTCCCCGCCAGCTACT
 GGTGGCAGTCACTCCATGACCACCGTGGGCTATGGAGACATGGTGGCCGCGAGCCTTCCGGGCCAGGT
 GGTGGCGCTGAGCAGCATCCTCAGCGCATCCTGCTCATGGCCTTCCCTGTACCTCCATCTTCCACACC
 TTCTCGCGCTCCTATTTCGGAGCTCAAGGAGCAGCAACAGCGCGCGGCCAGCCCTGAACCGGCCCTGCGCG
 AGGACAGCACGCGTGATGACAGTACACGTTTCGGCCAGCGCCACTGAGGACAGCTCTCAGGACCCTGAGAC
 CGCAGGCGCGGCAGGGAGCTTCCCGGGCCGGTGGGACC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001190373

Insert Size: 1443 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_001190373.1, NP_001177302.1
RefSeq Size: 2815 bp
RefSeq ORF: 1443 bp
Locus ID: 240444
Cytogenetics: 18 E3