

Product datasheet for **RN206470**

Kcne2 (NM_133603) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcne2 (NM_133603) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcne2
Synonyms: Mirp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN206470 representing NM_133603
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCACTTTAGCCAACCTTGACGCAGACCCTGGAGGATGCCTTCAAAAAGGTTTTCTACTTATATGG
ACAGCTGGAGGAGGAACAACAACAGCCGAACAACAGGCGCTCCAGGCCAGAGTGGATGCCGAGAACTTCTA
CTACGTACCTGTACCTCATGGTATGATCGGCATGTTTCGCCTTCATCGTGGTGGCCATCCTGGTGAGC
ACGGTGAAGTCGAAGCGCGGGAGCACTCCAGGACCCGTACCACAGTACATCGTGAGGATTGGCAGC
AGAAGTATAGGAGTCAGATCTTGCATCTGGAAGACTCCAAGGCCACCATCCATGAGAACCTGGGGCGGAC
GGGGTTCACAGTGTACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_133603
Insert Size: 372 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).



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| 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_133603.2 , NP_598287.1 |
| RefSeq Size: | 1744 bp |
| RefSeq ORF: | 372 bp |
| Locus ID: | 171138 |
| UniProt ID: | P63161 |
| Cytogenetics: | 11q11 |
| Gene Summary: | small integral membrane subunit which binds with HERG, a pore-forming protein, to alter its channel function [RGD, Feb 2006] |