

Product datasheet for **RN208002**

Kcne4 (NM_212526) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcne4 (NM_212526) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcne4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208002 representing NM_212526
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGGATGGAGCCTCTGAATAGCACACCCGAGCGCTGCAGCTTCCAGCAGCCCCCTTGAGTCCC
ATGTGCTAGTAACAGCGGTGGTAATGGCAACGAATACTCTATATTTTGGTCGTTATGTCCTTCTATGG
CATTTTCTTGATTGGAATCATGCTGGGCTACATGAAATCCAAGAGCGGGAGAAGAAGTCCAGCCTCCTG
CTGCTGTACAAAGATGAGGAGAGGCTGTGGGGGAGGCTATGAAGCCGCTACCTATGATGTCGGCCTGA
GGTCAGGGCAGGTGCCATGATGCTGAACATGCTTCAAGAGAGTGTGGCCCTGCCTGTCTGCACCT
TTGCTCTATGGAAGGGATAGTGTGAGCTCCGAGTCTCCTCGCCTGACGTGCACCTCACCATCCAGGAA
GAGGGGCTGATGAGGAGCTTGAGGAGACCTCTGAGACGCCCTCAATGAAAGCAGCGAAGGGTCTACAG
AAAACATCCATCAGAATTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_212526
Insert Size: 513 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).



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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_212526.1](#), [NP_997691.1](#)

RefSeq Size: 629 bp

RefSeq ORF: 513 bp

Locus ID: 367302

Cytogenetics: 9q34

Gene Summary: mouse homolog inhibits the activity of voltage-gated potassium channels Kv1.1 and Kv1.3 [RGD, Feb 2006]