

Product datasheet for **RN206605**

Kcne3 (NM_022235) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcne3 (NM_022235) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcne3
Synonyms: MGC105432
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206605 representing NM_022235
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGACTTCCAACGGGACTGAGACCTGGTACAAGAGCCTCCACGCTGTGCTAAAGGCTCTGAACACAA
CCCTTCACAGTCACTTGCTCTGCCGCCCTGGGCCAGGGCCAGGGTCAGGAACAGGGCCAGACAATCAAAC
AGAGGATCATCGGGCTAGCCTTCCGGCCGTAATGACAACCTCATATGATATTTCTTTTGTTCATGTTT
CTATTCGCTGTCACTGTGGGAGTCTCATCCTGGGATATACCCGTTACGCAAAGTGGACAAACGTAGTG
ACCCCTATCATGTGTACATCAAAAACCGTGTGTCTATGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022235

Insert Size: 324 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_022235.2](#), [NP_071571.1](#)

RefSeq Size: 1205 bp

RefSeq ORF: 324 bp

Locus ID: 63883

UniProt ID: [Q9JJV7](#)

Cytogenetics: 1q32

Gene Summary: a regulator that is coexpressed with K+ channel KCNQ1 [RGD, Feb 2006]