

Product datasheet for **RN200206**

Kcng3 (NM_133426) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcng3 (NM_133426) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcng3
Synonyms:	Kv6.3; Kv10.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200206 representing NM_133426 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCTCGGGCGGGCGGGGGCGGCTCGGTGGTGTGAACGTGGGCGGCGCCGGTACTCGTGTCCC
GGGAGCTGCTCAAGGACTTCCCCTGCGCCGTGTGAGCCGGTGCACGGTCCGCTCGGAGCGCAGCT
GCTCGAGGTGTGCGAGACTACGACCGGGAGCGCAACGAGTACTCTTCGACCGGACTCGGAGGCCTTC
GGCTTCATCCTGTGTAGTGTGCGCGCCACGGGAAGCTGCGCTTCGCGCCGCGGATGTGCGAGCTCTCT
TCTACAACGAGATGATCTACTGGGGCTGGAGGGCGCGCACCTGGAGTACTGCTGCCAGCGCCGCCTAGA
CGACCGCATGTCCGACACCCACACCTTCCACGCGGCAGAGGAGCTGGGCCGCGAGCAGCCTCGTCCCACC
GGGCCCGAGGCGGCTCCCTCCCGCGCTGGCTGGAGCGCATGCGGCGGACCTTCGAGGAGCCACGTCGT
CGCTGGCCGCGCAGATCCTGGCCAGCGTGTCCGTGGTGTTCGTGATCGTGTCTATGGTGGTGTGTGCGC
CAGCACGCTGCCGACTGGCGCGCGGCGCCGCGACAACCGCAGTCTGGATGACCGGAGCAGGACTCC
GCCAGCCCTGGGAGGGAGCCCTCCGGGATAATTGAAGCTATCTGCATAGGCTGGTTCACCGCGGAGTGCA
TCGTGCGGTTTCATCGTCTCCAAAAACAAGTGTGAGTTTGTCAAGAGACCCCTGAACATCATCGACTTACT
GGCAATCACCCCTATTACATCTCCGTGCTGATGACAGTGTTCACAGGCGAGAACTCTCAACTCCAGAGG
GCTGGGGTCAACCCTGAGGGTCTCCGAATGATGCGGATCTTCTGGGTGATTAAGCTTGCCCGGCACTTCA
TCGGCCTCGACACCCCTGGGCTTGACTCTCAAGCGATGCTACCGAGAGATGGTTATGTTGCTCGTCTTCAT
CTGTGTTGCTATGGCGATCTTCAGTGCCTCTCAGCTCCTTGAGCACGGGTTGGACTTGGAGACGTCC
AACAGGACTTTGCCAGCATCCCCGCTGCCTGCTGGTGGGTGATTATCTCTATGACTACAGTGGGCTATG
GAGACATGTATCCTATCACAGTGCCTGGAAGGATCTTGGAGGAGTTTGTGTTGTCAGTGGGATCGTTCT
GTTGGCATTACCTATCACTTTCATCTACCATAGCTTTGTGCAGTGCTACCAGAGCTCAAGTTTAGATCG
GCTCGATATAGTAGGAGCTCTCCGCTGAGTTCCTGAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_133426
Insert Size:	1302 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:	<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:	<u>NM_133426.2</u> , <u>NP_596917.2</u>
RefSeq Size:	1586 bp
RefSeq ORF:	1302 bp
Locus ID:	171011
UniProt ID:	<u>Q8R523</u>
Cytogenetics:	6q12
Gene Summary:	modulatory subunit of the voltage gated potassium channel [RGD, Feb 2006]