

Product datasheet for **RN213618**

Kcnc3 (NM_053997) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnc3 (NM_053997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnc3
Synonyms:	KShIIID; Kv3.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213618 representing NM_053997
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCAGCTCAGTGTGCGTCTGGTCGTTACGCGGGCCAGGGACCCGCAAGCAGCATTCTCAGCCGG
 CGCAACGCCGACGCGCCTGAGTCTCACCGCGCCTCTGCTACCGCCCGCAGCAGCAGTGCCTCA
 GCCCGGACCGCGCCTCCCGCGGGTCCCCCGCTTTCCTGTGGGCTGGGGGCGCGCGCCAGCCA
 TGCTCCGGGTGCCGGCGGTGGCCATGGGGCGGCACGGCGGCGCGGCGGACAGCGGTAAAGATCGTGA
 TCAACGTGGGCGGCTGCGCCATGAGACGTACCGCTCCACGTTGCGCACCTACCGGGGACCCGGCTGGC
 CGGGGTGACCGAGCCGAGGCGGCGCGCTTTGACTACGACCCGGGCACGGACGAGTTCTTTTAC
 CGTACCCGGGCGTCTTCGCTACGTGCTCACTACTACCGCACCGGCAAGCTGCACTGCCCGCCGACG
 TGTGCGGGCCGCTCTTCGAGGAGGAGCTGGGCTTCTGGGCATAGACGAGACGGACGTGGAGGCTGCTG
 CTGGATGACCTACCGCCAGCACCCTGATGCCGAAGAGGCACTGGACTCCTTCGAGGCTCCGACTCCTCG
 GGCAACGCCAACGCCAACGCCGAGGCGCCATGATGCGGGCCTGGACGACGAGGCGGGCGCAGGAGGTG
 GCGGCCTGGACGGGGCAGGCGGGGAGCTCAAGCGTCTGTGTTTTACAGACGCGGGCGGAGGTGCCGAGG
 ACCTGCCGGAGGCCCGGGCGGCGGGCGGCACGTGGTGGAGGCGCTGGCAGCCCGCGTGTGGCGCTT
 TTTGAGGACCCCTACTCGTCGCGGGCCGCCAGGTACGTGGCCTTCGCTCCCTATTTTATCCTCATCT
 CCATCACCACTTCTGCCTGGAGACACAGAGGGCTTCATCCACATCAGCAACAAGACGGTGACGAGGC
 CTCTCCAATCCCTGGGGTCCCCGGAGAATATCAACATGTGGAGGTGGAGACGGAACCCTTTTGACC
 TACGTGGAAGCGTGTGTGGTCTGGTTCACCTTTGAGTTTCTCATGCGGGTACCTTTGCCCCGATA
 AGGTGGAGTTTCTCAAAGCAGTCTTAACATCATCGACTGTGTAGCCATTTGCCCTTCTACTTGGAGT
 GGGCCTGTCAAGTCTCAGCTCAAAGCTGCAAGGACGTGCTGGGCTTCCTGCGCGTCTCGCTTCGTG
 CGCATCTCCGTATCTTCAAGCTGACCCGCCATTTTGTGGGCTGCGGGTCTGGCCACACGCTCCGTG
 CCAGCACCAACGAGTTCTTGTACTCATTATTTTCTGGCTCTGGGGTCTCATCTTTGCCACCATGAT
 CTAATATGCCGAGCGCATCGGGCCGATCCTGATGACATCCTGGGCTCCAACCACACCTACTTCAAGAAC
 ATCCCCATCGGCTTCTGGTGGGCTGTGGTACCATGACCACACTGGGCTATGGTACATGTACCCAAGA
 CATGGTCTGGGATGCTGGTGGGGCACTGTGTCCCTGGCTGGTGTGCTGACCATTGCCATGCCGGTGCC
 CGTCATTGTCAACAACCTCGGCATGTACTTACTGGCTATGGCCAAGCAGAAATGCCAAGAAGAAA
 AACAAACATATCCCCAGGCCCGCAGCCTGGCTCACCAACTACTGCAAGCCCGATCCCCGCTCCGC
 CCCACCACACCCACACGCGCAGCGGTGGCATCAGCCACCACCGCCATCACCCCTCCTTCCATGGG
 GGTGACTGTGGTGGGGCTTACCACCTGGACCCACACGACCCCGGGTGTAGGGGTGGTGTGGG
 GGACTGGGAATTATGGGATTGCCTCCTCTGCCAGCCCCTGGTGGAGCCCTGCCACTGGCTCAAGAAGAGG
 TGATTGAAACCAACAGGGCAGACCCCGTCCCAATGGAGACCCTGCAGCAGCTGCACTGGCTCATGAGGA
 CTGCCCGCCATTGACCAGCCAGCATGTCTCCAGAAGACAAGAGCCGATCACTCCCGAAGCCGGGT
 CGCTACAGCCGGGACCGAGCTTGCTTCTTGTACAGACTATGCCCTTCCCCGATGGTCCATCCGAA
 AAGGTTACGAGAAGTCCCGCAGCCTGAGCAGATTGTGGGCTGAGCGGGGTGTCCCTGCGCCTCGCGCC
 CCTCGCACCCCCCTGGCTCTCCCCGGCCACGCGCCGAGCTCCCCGACCCCTGCCCTCATCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_053997
Insert Size: 2310 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:	NM_053997.4 , NP_446449.2
RefSeq Size:	5267 bp
RefSeq ORF:	2310 bp
Locus ID:	117101
Cytogenetics:	1q22
Gene Summary:	transient voltage-dependent potassium channel [RGD, Feb 2006]