

Product datasheet for RN211722

Kcnk1 (NM_021688) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnk1 (NM_021688) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnk1
Synonyms: Twik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211722 representing NM_021688
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGCAGTCCCTGGCCGGCAGCTCGTGCCTGCGCTGGTGGAGCGCACCGCTCGGCCTGGTGCCTTCG
GCTTCTGGTGTGGGCTACCTGCTCTACCTGGTGTTCGGCGCCGTGGTCTTCTCGTCCGTGGAGCTGCC
TTATGAGGACCTGCTGCCCAGGAGCTGCGCAAGCTGAAGCGGCGCTTCTGGAGGAGCAGGAGTGCCTG
TCGGAGCCCCAGCTGGAGCAGTTCTGGGCCGCGTGTGGAGGCCAGCAATTATGGAGTGTCCGGTGCCTCA
GCAACGCCTCGGGGAATTGGAATTGGGACTTCACTCGGCCTCTTCTTCGCCAGCACGGTGTCTCCAC
CACAGGCTATGGCCACACGGTGCCTTGTGAGATGGGGCAAGGCCTTCTGCATCATCTACTCTGTCTATT
GGCATCCCGTTACCCCTCTCTCTGACGGCCGTGGTCCAGCGTGTACCCGTGCATGTACCCCGCAGAC
CGGTCTCTACTTCCACATACGCTGGGGCTTCTCCAAGCAGGTGGTGGCCATCGTCCATGCCGTTCTGCT
GGGATTCGTACCGTGTCTCTCTTCTTTCATCCCGCCGCGTGTCTCCGTGTGGAGGATGACTGG
AACTTCTCGAATCTTTTACTTCTGTTTCATCTCCCTGAGCACCATCGGCCTGGGGACTACGTTCCAG
GGGAAGGCTACAACCAGAAGTCCGGGAGCTGTACAAGATCGGGATCACGTGTTACCTGCTCTGGGACT
CATAGCCATGCTGGTTGCTGAAACCTTCTGTGAGCTCCACGAGCTGAAGAAATTCAGGAAAATGTTT
TATGTGAAGAAAGACAAGGATGAAGACCAAGTTACATCATGGAGCATGACCAACTGTCTTTTCTCCCA
TCACTGAGCAGGCGCCGGCCTGAAGGAGGAGCAGAAGCAAACGAGCCTTTTGTGGCCTCCAGTCACC
ACCCTATGAGGATGGCTCTGCAAACCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021688



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Insert Size:	1011 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_021688.3</u> , <u>NP_067720.1</u>
RefSeq Size:	2530 bp
RefSeq ORF:	1011 bp
Locus ID:	59324
UniProt ID:	<u>Q9Z2T2</u>
Cytogenetics:	19q12
Gene Summary:	a putative potassium channel with two P domains [RGD, Feb 2006]