

Product datasheet for RN214072

Kcnk4 (NM_053804) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnk4 (NM_053804) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnk4
Synonyms: KT4.1; TRAAK
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214072 representing NM_053804
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCAGCACCACTCCTGGCTCTGCTGGCACTGGTGTGCTTTACTTGGTATCTGGGGCTCTGGTGT
 TTTATGCTCTGGAGCAGCCTCATGAGCAGCAGGTTCAGAAGACCTGGAAGATGGCCGAGATCAGTTTCT
 GAAGGACCATCCGTGTGTGAGCCAGAAGAACTGGAGGGTTTCATCAAGCTCGTGGCTGAAGCCCTGGGA
 GGGGGCGCAAACCCAGAAACAGTTGGACCAATAGCAGCAACCACTCATCAGCTTGAACCTGGGCAGCG
 CCTTCTTTTTCTCGGGACCATCATCACTACCATCGGGTACGGCAATATAGCCTTACACACAGATGCTGG
 GCGTCTCTTTGTATCTTCTATGCACTGGTGGGATCCCACTGTTCCGGATGCTGCTGGCTGGAGTCGGG
 GACCGGCTGGGCTCCTCTCTGCGCCGGGCATCGGTCACATCGAAGCAGTTTTCTTGAAGTGGCATGTGC
 CACCAGGGCTGGTGAGAAATGCTGTCTGCGGTGCTTCTCTGTTGATTGGCTGCCTGCTCTTTGTCCTCAC
 TCCTACCTTCGTGTTTTCTACATGAAGAGTTGGAGCAAGCTGAAAGCCATCTACTTTGTTATAGTGACA
 CTCACCACTGTAGGCTTTGGCGATTATGTACCAGGCGATGGCACCAGGAGCAACTCTCCAGCCTACCAGC
 CGCTGGTGTGGTCTGGATCCTGTTGGCCTAGCCTACTTCGCTCAGTGTTCACCACTACGGCAACTG
 GTTGCGAGCGGTGCCCGCAACTCGCGCAGAGATGGGTGGCCTCACGGCGCAGGCTGCTAGCTGGACC
 GGCACAGTGACAGCACGAGTGACCCAGAGAAGTGGACCCAGCGCCCGCCGAGAGAAGGAGCAACCAC
 TCCTGCCCTCTTCTTTCCTGCTGACCTCCTGCTGTTGCTGAGCCAGCCACAGGCCGGCTCCCCCGCACC
 CGCAGAGAAGGTCGAGACTCCCCCGCCACGGCCTCAGCTCTGGATTACCCAGTGAGAATCTGGCCTTC
 ATCGACGAGTCTCAGACACGAGAGTGAGCGTGGCTGTGCCCTGCCTCGTGCCTCGGGTGGCCGCC
 GCCCAACCAACGAAGAAGCCCTCCAGACCCCGGGTCTGGCGACTCCGAGACAAGGCCGTGCCGT
 GTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053804
Insert Size:	1194 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_053804.2 , NP_446256.2
RefSeq Size:	1194 bp
RefSeq ORF:	1194 bp
Locus ID:	116489
UniProt ID:	G3V8V5
Cytogenetics:	1q43
Gene Summary:	an alkali-sensing two-pore K+ channel [RGD, Feb 2006]