

Product datasheet for RN213524

Kcnk9 (NM_053405) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnk9 (NM_053405) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnk9
Synonyms: Task-3; Task3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN213524 representing NM_053405
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCGGCAGAACGTGCGTACCCTGTCCTTGATCGCCTGTACCTTCACCTACCTGCTGGTGGTGCCG
CGGTGTTTCGACGCCCTCGAGTCGGACCATGAGATGCGCGAGGAGAGAACTTAAAGCAGAAGAGGTCCG
CCTCAGAGGCAAGTACAACATCAGCTCCGATGACTACCAGCAGCTGGAGCTGGAATCCTGCAGTCTGAG
CCCCACCGCGCTGGTGTCCAGTGAAGTTCGCCGGTCTTCTACTTCGCTATCACTGTCATCACAACCTA
TCGGATATGGACATGCTGCACCTGGAACCGATGCTGGCAAGGCCCTCTGTATGTTCTATGCTGTGCTGGG
TATCCCTCTGACGCTGGTTATGTTCCAGAGCCTGGGCGAGCGCATGAACACCTTCGTGCGCTACCTGCTG
AAACGGATCAAGAAGTGCTGTGGCATGCGCAACACTGAAGTTTCTATGGAGAACATGGTGACCGTCGGCT
TCTTTTCTTGATGGGCACCCTGTGCCTTGGGGCGGCTGCCTTTTCCCAGTGCGAAGATTGGAGCTTCTT
CCACGCTTACTACTACTGCTTCACTACTGACTACTATAGGGTTCGGCGACTTTGTGGCCCTGCAATCC
AAGGGTGCCTGCAGAGGAAGCCATTCTACGTGGCCTTCAGTTCATGTATATCCTGGTGGGCTGACCG
TCATCGGTGCCTTCTCAATCTTGTGGTCTGCGATTCTGACCATGAATACCGATGAAGATCTTCTGGA
GGGAGAAGTTGCGCAGATACTTGTGAAACCAAGACGGGTGGTGTCCGTGTCCCTCAGAGTCGCAAG
AGGCACCACCCCATGACTTCTCAGGAAATACGGCCGAACCTGTGCTATCTGCTTCCCTGGTGCCA
ACTGGGGTGATGATGATGACGATGATGATGACCCGTCGAGAATGTCGTAGTTACTACTCCTGTTCTCCTCC
TGCTGTTGCTGCTGCTGCTGCTGCTACTCCTGGTCCCAGTACCAGGAATGTCCGGGCTACAGTCCAC
TCGGTTTCTGCAGGGTTGAAGAGATCCCTCCGGACGTGCTGAGGAACACCTACTTCCGGTCCCCATTTCG
GCGCCATCCCTCCTGGAATGCACACCTGCGGGGAAACCACAGGCTGCACATCCGTGCGAAGTCCATCTA
A

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1264_e02.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053405
Insert Size:	1191 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_053405.2 , NP_445857.2
RefSeq Size:	1191 bp
RefSeq ORF:	1191 bp
Locus ID:	84429
UniProt ID:	Q9ES08
Cytogenetics:	7q34
Gene Summary:	an acid-sensing K(+) channel; highly sensitive to changes in extracellular pH [RGD, Feb 2006]