

Product datasheet for RN209608

Kcnk3 (NM_033376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnk3 (NM_033376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnk3
Synonyms:	rTASK; Task-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209608 representing NM_033376 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCGGCAGAAATGTGCGCACGTTGGCTCTCATCGTGTGCACCTTCACCTACCTGCTGGTGGGCGCCG
CGGTGTTTCGACGCGCTGGAGTCGGAGCCGGAGATGATCGAGCGGCAGCGGCTGGAGCTGCGGCAGCTGGA
GCTGCGGGCGCGCTACAACCTCAGCGAGGGCGGCTACGAGGAGCTGGAGCGCGTCTGCTGCGCCTCAAG
CCGCACAAGCCGGCGTGCAGTGGCGCTTCGCCGGCTCCTTCTACTTCGCCATCACCGTCATCACCACAA
TCGGCTATGGTCATGCGGCTCCCAGCACGGACGGAGGCAAGGTGTCTGCATGTTCTACGGCTGCTGGG
CATCCCGCTCACACTAGTCATGTTCCAGAGCCTGGGTGAACGCATCAACACCTTCGTGAGGTACCTGCTG
CACCGTGCGAAGAGGGGGCTGGGCATGCGGCACGCCGAGGTGCCATGGCCAACATGGTGCTCATCGGTT
TCGTGTGCTGCATCAGCACGCTGTGTATCGGCGCGCTGCCTTCTCCTACTATGAGCGCTGGACTTCTT
CCAGGCCATTACTACTGCTTATCACCCTCACCACCATCGGCTTCGGCGACTACGTGGCGCTGCAGAA
GACCAGGCGCTGCAAACGCAGCCTCAGTACGTGGCCTTCAGTTCGTATACATCCTCACCAGGCTCACGG
TCATCGGCGCCTTCTCAACCTCGTGGTGTGCGATTTCATGACCATGAACGCCGAGGACGAGAAGCGTGA
TGCAGAGCACCGTGGCGTGTCTCACGCACAATGGCCAGGCTGGCGGCTGGGTGGCTGAGCTGCCTAAGC
GGTAGCCTGGGCGATGGCGTGGCTCCCCGCGACCCAGTCACTTGGCAGCGGCTGCAGCGGCATGGGCG
TGGCGTGGGCGTCGGTGGCAGCGGCTTCGCAACGTCTATGCTGAAATGCTGCACTTTCAGTCCATGTG
CTCGTGCCTCTGTTACAAGAGCCGCGAGAAGCTGCAGTACTCCATCCCCATGATCATCCCGCGGGACCTC
TCCACATCCGACAGTGCCTGGAGCACAGCCACTCGTCGCCAGGAGGCGGCGCCGCTACAGCGACACGC
CCTCACACCCTTGCTGTGCAGCGGGACGCAACGCTCGGCCATCAGTCCGTGTCCACGGGCTGCACAG
CCTGGCTACCTTCGCGGCTCATGAAGCGCAGGAGCTCAGT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1246_h06.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_033376
Insert Size:	1236 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_033376.1 , NP_203694.1
RefSeq Size:	2077 bp
RefSeq ORF:	1236 bp
Locus ID:	29553
UniProt ID:	O54912
Cytogenetics:	6q14
Gene Summary:	a TWIK-related acid-sensitive K ⁺ channel; functions as an open rectifier baseline potassium channel [RGD, Feb 2006]