

Product datasheet for RC237820

KCNK9 (NM_001282534) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCNK9 (NM_001282534) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KCNK9
Synonyms:	BIBARS; K2p9.1; KT3.2; TASK-3; TASK3; TASK32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237820 representing NM_001282534 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAGGCAGAACGTGCGGACTCTGTCCCTCATCGTCTGCACCTTCACCTACCTGCTGGTGGGCGCCG
CCGTGTTTCGACGCCCTCGAGTCGGACCACGAGATGCGCGAGGAGGAGAACTCAAAGCCGAGGAGATCCG
GATCAAGGGGAAGTACAACATCAGCAGCGAGGACTACCGCAGCTGGAGCTGGTATCCTGCAGTCGGAA
CCGCACCGCGCCGGCGTCCAGTGGAAATTCGCCGGCTCCTTCTACTTTGCGATCACGGTCATCACCACCA
TAGGTTATGGGCACGCTGCACCTGGCACCGATGCGGGCAAGGCCTTCTGCATGTTCTACGCCGTGCTGGG
CATCCCGCTGACACTGGTCATGTTCCAGAGCCTGGGCGAGCGCATGAACACCTTCGTGCGCTACCTGCTG
AAGCGCATTAGAAGTGCTGTGGCATGCGCAACTGACGTGTCTATGGAGAATGTTGACTGTGGGCT
TCTTCTCTGCATGGGGACGCTGTGCATCGGGCGGCCCTTCTCCAGTGTGAGGAGTGGAGCTTCTT
CCACGCCCTACTACTGCTTCAACCTGGTCTGACGTTGACTACCATGGGTTGCGGGACTACGTGGCCCTGCAGACC
AAGGGCGCCCTGCAGAAGAAGCCGCTCTACGTGGCCTTACGTTTATGTATATCCTGGTGGGCTGACGG
TCATCGGGCCTTCTCAACCTGGTCTGCTCAGTTCCTGACCATGAACAGTGAAGGATGAGCGCGGGA
TGCTGAAGAGAGGGCATCCCTCGCCGAAACCGCAACAGCATGGTCATTACATCCCTGAGGAGCCGCGG
CCCAGCCGCCCAGGTACAAGGGGACGTCCCGACCTGCAGTCTGTGTGCTCTGCACCTGCTACCGCT
CGCAGGACTATGGCGCCGCTCGGTGGCACCGCAGAACTCCTTCAGCGCCAAGCTTGCCCCCACTACTT
CCTACTCCTCTTACAAGATCGAGGAGATCTACCAAGCACATTAACAAACAGCCTCTTCCCATCGCCT
ATTAGCTCCATCTCTCTGGGTTACACAGCTTTACCGACCACAGAGGCTGATGAAACGCCGGAAGTCCG
TT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_001282534.1](#), [NP_001269463.1](#)

RefSeq Size: 2331 bp

RefSeq ORF: 1125 bp

Locus ID: 51305

UniProt ID: [Q9NPC2](#)

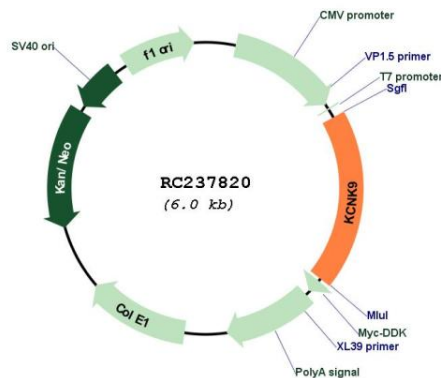
Cytogenetics: 8q24.3

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

MW: 42.3 kDa

Gene Summary: This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel dysmorphism syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]

Product images:



Circular map for RC237820