OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC204142

KCNK4 (NM_033310) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KCNK4 (NM_033310) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KCNK4
Synonyms:	FHEIG; K2p4.1; TRAAK; TRAAK1
ACCN:	NM_033310
Insert Size:	335 bp
Insert Sequence:	>SC204142 3'UTR clone of NM_033310 The sequence shown below is from the reference sequence of NM_033310. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGTCCCCGAGACAAAGGCGTGCCGGTGTAGGGGCAGGATCCCTGGCCGGGCCTCTCAAGGGCTTCGTTT CTGCTCTCCCCGGCATGCCTGGCTTGTTTGACCAAAGAGCCCTCTTTCCACGAGACTGAAGTCTGGGGA GGAGGCTACAGTTGCCTCTCCGCCTCCTCCCTGGCCCCGGCCCTTCCCTCACTTCCATCCATCTCTAGA CCCCCCCAAGGCTTTCTGTGTCGCTGCCCCGGGCGGGTGTATCCCTCACAGCACCTCACGACTGTGCCT CAAAGCCTGCATCAATAAATGAAAACGGTCTGCACCGCTGCGGGCGTGACGCTCCCGGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_033310.3

View online »

Summary: This gene encodes a member of the TWIK-related arachidonic acid-stimulated two pore potassium channel subfamily. The encoded protein homodimerizes and functions as an outwardly rectifying channel. This channel is regulated by polyunsaturated fatty acids, temperature and mechanical deformation of the lipid membrane. This protein is expressed primarily in neural tissues and may be involved in regulating the noxious input threshold in dorsal root ganglia neurons. Alternate splicing results in multiple transcript variants. Naturally occurring read-through transcripts also exist between this gene and the downstream testis expressed 40 (TEX40) gene, as represented in GeneID: 106780802. [provided by RefSeq, Nov 2015]

Locus ID: 50801

MW: 11.8