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 RC215155L3V

KCNK3 (NM_002246) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNK3 (NM_002246) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNK3
Synonyms:	K2p3.1; OAT1; PPH4; TASK; TASK-1; TASK1; TBAK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002246
ORF Size:	1182 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC215155).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002246.1
RefSeq Size:	2590 bp
RefSeq ORF:	1185 bp
Locus ID:	3777
UniProt ID:	O14649
Cytogenetics:	2p23.3
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	43.3 kDa

View online »

Gene Summary: This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene. [provided by RefSeq, Aug 2008]