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Product datasheet for RC209207L3V

KCNK5 (NM_003740) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNK5 (NM_003740) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNK5
Synonyms:	K2p5.1; KCNK5b; TASK-2; TASK2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003740
ORF Size:	1497 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209207).`
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_003740.3
RefSeq Size:	3800 bp
RefSeq ORF:	1500 bp
Locus ID:	8645
UniProt ID:	O95279
Cytogenetics:	6p21.2
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	55.1 kDa

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Gene Summary: This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008]