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Product datasheet for RC204457L3V

KCNN4 (NM_002250) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNN4 (NM_002250) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNN4
Synonyms:	DHS2; hIKCa1; hKCa4; hSK4; IK; IK1; IKCA1; KCa3.1; KCA4; SK4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002250
ORF Size:	1281 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204457).
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_002250.2
RefSeq Size:	2240 bp
RefSeq ORF:	1284 bp
Locus ID:	3783
UniProt ID:	O15554
Cytogenetics:	19q13.31
Domains:	SK_channel, CaMBD
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

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MW: 47.7 kDa

Gene Summary: The protein encoded by this gene is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. The encoded protein may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily. [provided by RefSeq, Jul 2008]