

OriGene Technologies, Inc.

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Product datasheet for RC216225L4V

KCNT2 (NM_198503) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Name:KCNT2 (NM_198503) Human Tagged ORF Clone Lentiviral ParticleSymbol:KCNT2Symonyms:EIEE57; KCa4.2; SLICK; SLO2.1Mammalian Cell Selection:PuromycinVector:puenti-cmGFP-P2A-Puro (PS100093)Tag:mGFPACCN:NM_198503ORF Size:3405 bpORF FloreThe molecular sequence of this clone is exactly the same as(RC216225).ORF Size:Hom Sine Control of this clone is exactly the same as(RC216225).ORI 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 anaturally occurring variations (e.g. polymorphisms), each with this 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 infoFortsenMI 198503.2 NP 940905.2RefSeq Size:909 bpRefSeq ORF:404305Joine vas engineered to express the complete ORF with an expression tag. Expression variants is recommended prior to use. More infoInicone vas engineered to express the complete ORF with an expression tag. Expression variants is recommended prior to use. More infoRefSeq ORF:909 bpLocus ID:06UM3Locus ID	Product Type:	Lentiviral Particles
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Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane	UniProt ID:	Q6UVM3
	Cytogenetics:	1q31.3
MW: 130.3 kDa	Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
	MW:	130.3 kDa



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Gene Summary:Outward rectifying potassium channel. Produces rapidly activating outward rectifier K(+)
currents. Activated by high intracellular sodium and chloride levels (PubMed:14684870,
PubMed:16687497, PubMed:29069600). Channel activity is inhibited by ATP and by inhalation
anesthetics, such as isoflurane (PubMed:16687497) (By similarity). Inhibited upon stimulation
of G-protein coupled receptors, such as CHRM1 and GRM1 (PubMed:16687497).
[UniProtKB/Swiss-Prot Function]

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