

## Product datasheet for **MR227654L3V**

### **Kcnn2 (NM\_080465) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Kcnn2 (NM_080465) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnn2
Synonyms:	bc; fri; KCa2.2; SK2; SKCA2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_080465
ORF Size:	1722 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227654).
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. <a href="#">More info</a>
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:	<a href="#">NM_080465.2</a> , <a href="#">NP_536713.1</a>
RefSeq Size:	2046 bp
RefSeq ORF:	1725 bp
Locus ID:	140492
UniProt ID:	<a href="#">P58390</a>
Cytogenetics:	18 B3- C



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**Gene Summary:**

Forms a voltage-independent potassium channel activated by intracellular calcium. Activation is followed by membrane hyperpolarization. Thought to regulate neuronal excitability by contributing to the slow component of synaptic afterhyperpolarization. The channel is blocked by apamin.[UniProtKB/Swiss-Prot Function]