

## Product datasheet for **MR221003L3V**

### **Kcnd3 (NM\_019931) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Kcnd3 (NM_019931) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnd3
Synonyms:	AW045978; Kncd3; Kv4.3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019931
ORF Size:	1965 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221003).
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_019931.1</a>
RefSeq Size:	1968 bp
RefSeq ORF:	1968 bp
Locus ID:	56543
UniProt ID:	<a href="#">Q9Z0V1</a>
Cytogenetics:	3 F2.2



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**Gene Summary:**

Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.  
[UniProtKB/Swiss-Prot Function]