

## Product datasheet for **MR215743L4V**

### **Kcns3 (NM\_173417) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Kcns3 (NM_173417) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcns3
Synonyms:	D12Ertd137e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173417
ORF Size:	1473 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215743).
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_173417.3</a> , <a href="#">NP_775593.1</a>
RefSeq Size:	2933 bp
RefSeq ORF:	1476 bp
Locus ID:	238076
UniProt ID:	<a href="#">Q8BQZ8</a>
Cytogenetics:	12 5.58 cM



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**Gene Summary:**

Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1. Heterotetrameric channel activity formed with KCNB1 show increased current amplitude with the threshold for action potential activation shifted towards more negative values in hypoxic-treated pulmonary artery smooth muscle cells.[UniProtKB/Swiss-Prot Function]