

Product datasheet for **MR223804L4V**

Kcnt1 (NM_175462) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kcnt1 (NM_175462) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnt1
Synonyms:	C030030G16Rik; s; Sl; Slack; slo2; Slo2.2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175462
ORF Size:	3714 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223804).
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_175462.3 , NP_780671.2
RefSeq Size:	5893 bp
RefSeq ORF:	3717 bp
Locus ID:	227632
UniProt ID:	Q6ZPR4
Cytogenetics:	2 A3



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Gene Summary:

This gene encodes a member of the Slo potassium channel family that has shown to be activated by both sodium and chloride ions. This channel represents the largest potassium channel subunit yet identified. This channel may be important in development and pain signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]