

Product datasheet for **MR215687L4V**

Vkorc111 (NM_027121) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vkorc111 (NM_027121) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Vkorc111
Synonyms:	2310024K08Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027121
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215687).
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_027121.4 , NP_081397.1
RefSeq Size:	1113 bp
RefSeq ORF:	531 bp
Locus ID:	69568
UniProt ID:	Q6TEK5
Cytogenetics:	5 G1.3



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Gene Summary:

Involved in vitamin K metabolism. Can reduce inactive vitamin K 2,3-epoxide to active vitamin K (in vitro), and may contribute to vitamin K-mediated protection against oxidative stress. Plays a role in vitamin K-dependent gamma-carboxylation of Glu residues in target proteins. [UniProtKB/Swiss-Prot Function]