

Product datasheet for **MR227378L4V**

Kcnip4 (NM_030265) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kcnip4 (NM_030265) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnip4
Synonyms:	AV032399; Calp; Calp250; KChIP4; KChIP4a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030265
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227378).
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_030265.3 , NP_084541.3
RefSeq Size:	2188 bp
RefSeq ORF:	690 bp
Locus ID:	80334
UniProt ID:	Q6PHZ8
Cytogenetics:	5 B3



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Gene Summary:

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels, such as KCND2/Kv4.2 and KCND3/Kv4.3 (PubMed:19109250). Modulates channel expression at the cell membrane, gating characteristics, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner.
[UniProtKB/Swiss-Prot Function]