

Product datasheet for **MR226692L4V**

Kcnn3 (NM_080466) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kcnn3 (NM_080466) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnn3
Synonyms:	KCa2.3; SK3; SKCA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080466
ORF Size:	2199 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226692).
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_080466.2 , NP_536714.2
RefSeq Size:	7617 bp
RefSeq ORF:	2199 bp
Locus ID:	140493
UniProt ID:	P58391
Cytogenetics:	3 F1



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Gene Summary:

Forms a voltage-independent potassium channel activated by intracellular calcium. Activation is followed by membrane hyperpolarization. Thought to regulate neuronal excitability by contributing to the slow component of synaptic afterhyperpolarization. The channel is blocked by apamin (By similarity).[UniProtKB/Swiss-Prot Function]