

Product datasheet for **MR219261L4V**

Kcnh1 (NM_001038607) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kcnh1 (NM_001038607) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kcnh1
Synonyms:	EAG1; Kv10.1; M-eag
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001038607
ORF Size:	2886 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219261).
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_001038607.2 , NP_001033696.1
RefSeq Size:	7188 bp
RefSeq ORF:	2889 bp
Locus ID:	16510
Cytogenetics:	1 H6



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Gene Summary:

Pore-forming (alpha) subunit of a voltage-gated delayed rectifier potassium channel (PubMed:19671703, PubMed:23975098). Channel properties are modulated by subunit assembly. Mediates IK(NI) current in myoblasts. Involved in the regulation of cell proliferation and differentiation, in particular adipogenic and osteogenic differentiation in bone marrow-derived mesenchymal stem cells (MSCs) (By similarity).[UniProtKB/Swiss-Prot Function]