

## Product datasheet for **MR220915L4V**

### Kalrn (NM\_001164268) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Kalrn (NM_001164268) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kalrn
Synonyms:	2210407G14Rik; AV235988; DUET; E530005C20Rik; Gm539; Hapip; TRAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164268
ORF Size:	4962 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220915).
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. <a href="#">More info</a>
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:	<a href="#">NM_001164268.1</a> , <a href="#">NP_001157740.1</a>
RefSeq Size:	6430 bp
RefSeq ORF:	4965 bp
Locus ID:	545156
UniProt ID:	<a href="#">A2CG49</a>
Cytogenetics:	16 B3


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**Gene Summary:**

Promotes the exchange of GDP by GTP. Activates specific Rho GTPase family members, thereby inducing various signaling mechanisms that regulate neuronal shape, growth, and plasticity, through their effects on the actin cytoskeleton. Induces lamellipodia independent of its GEF activity (By similarity).[UniProtKB/Swiss-Prot Function]