

Product datasheet for **MR221033L4V**

Apobec1 (NM_001134391) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apobec1 (NM_001134391) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apobec1
Synonyms:	Cdar1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134391
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221033).
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_001134391.1 , NP_001127863.1
RefSeq Size:	2209 bp
RefSeq ORF:	690 bp
Locus ID:	11810
UniProt ID:	P51908
Cytogenetics:	6 57.68 cM



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Gene Summary:

Catalytic component of the apolipoprotein B mRNA editing enzyme complex which is responsible for the postranscriptional editing of a CAA codon for Gln to a UAA codon for stop in the APOB mRNA. May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation.[UniProtKB/Swiss-Prot Function]