

Product datasheet for **MR201941L4V**

AI842396 (BC096427) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AI842396 (BC096427) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	AI842396
Synonyms:	Inca1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC096427
ORF Size:	588 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201941).
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:	BC096427 , AAH96427
RefSeq Size:	1299 bp
RefSeq ORF:	590 bp
Locus ID:	103844
Cytogenetics:	11 B3


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Gene Summary:

Binds to CDK2-bound cyclins and inhibits the kinase activity of CDK2; binding to cyclins is critical for its function as CDK inhibitor. Inhibits cell growth and proliferation and may play a role in cell cycle control (PubMed:21540187). Required for ING5-mediated regulation of S-phase progression, enhancement of Fas-induced apoptosis and inhibition of cell growth (PubMed:21750715).[UniProtKB/Swiss-Prot Function]