

Product datasheet for **MR227583L4V**

Cdkn1c (NM_001161624) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdkn1c (NM_001161624) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdkn1c
Synonyms:	AL024410; CDKI; Kip2; p57(kip2); p57Kip2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001161624
ORF Size:	1044 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227583).
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_001161624.1 , NP_001155096.1
RefSeq Size:	1952 bp
RefSeq ORF:	1047 bp
Locus ID:	12577
UniProt ID:	P49919
Cytogenetics:	7 88.22 cM



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Gene Summary:

Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.[UniProtKB/Swiss-Prot Function]