

## Product datasheet for **RC209840L1V**

### **p57 Kip2 (CDKN1C) (NM\_000076) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	p57 Kip2 (CDKN1C) (NM_000076) Human Tagged ORF Clone Lentiviral Particle
Symbol:	p57 Kip2
Synonyms:	BWCR; BWS; KIP2; p57; p57Kip2; WBS
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000076
ORF Size:	936 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209840).
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_000076.1</a>
RefSeq Size:	1511 bp
RefSeq ORF:	951 bp
Locus ID:	1028
UniProt ID:	<a href="#">P49918</a>
Cytogenetics:	11p15.4
Domains:	CDI
Protein Families:	Druggable Genome



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**Protein Pathways:** Cell cycle

**MW:** 31.8 kDa

**Gene Summary:** This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]