

## Product datasheet for **RC221732L3V**

### Cyclin G (CCNG1) (NM\_004060) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyclin G (CCNG1) (NM_004060) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cyclin G
Synonyms:	CCNG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004060
ORF Size:	885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221732).
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_004060.3</a>
RefSeq Size:	2484 bp
RefSeq ORF:	888 bp
Locus ID:	900
UniProt ID:	<a href="#">P51959</a>
Cytogenetics:	5q34
Domains:	CYCLIN, cyclin
Protein Families:	Druggable Genome



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**Protein Pathways:** p53 signaling pathway

**MW:** 34.1 kDa

**Gene Summary:** The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The protein encoded by this gene is a member of the cyclin family and contains the cyclin box. The encoded protein lacks the protein destabilizing (PEST) sequence that is present in other family members. Transcriptional activation of this gene can be induced by tumor protein p53. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]