

## Product datasheet for **RC201657L4V**

### CDT1 (NM\_030928) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDT1 (NM_030928) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDT1
Synonyms:	DUP; RIS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030928
ORF Size:	1638 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201657).
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_030928.2</a>
RefSeq Size:	2742 bp
RefSeq ORF:	1641 bp
Locus ID:	81620
UniProt ID:	<a href="#">Q9H211</a>
Cytogenetics:	16q24.3
Protein Families:	Stem cell - Pluripotency
MW:	60.2 kDa



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**Gene Summary:**

The protein encoded by this gene is involved in the formation of the pre-replication complex that is necessary for DNA replication. The encoded protein can bind geminin, which prevents replication and may function to prevent this protein from initiating replication at inappropriate origins. Phosphorylation of this protein by cyclin A-dependent kinases results in degradation of the protein. [provided by RefSeq, Mar 2011]