

## Product datasheet for **RC203983L4V**

### CDCA4 (NM\_145701) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDCA4 (NM_145701) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDCA4
Synonyms:	HEPP; SEI-3/HEPP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145701
ORF Size:	723 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203983).
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_145701.1</a> , <a href="#">NP_663747.1</a>
RefSeq Size:	1927 bp
RefSeq ORF:	726 bp
Locus ID:	55038
UniProt ID:	<a href="#">Q9BXL8</a>
Cytogenetics:	14q32.33
Protein Families:	ES Cell Differentiation/IPS
MW:	26.1 kDa



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**Gene Summary:**

This gene encodes a protein that belongs to the E2F family of transcription factors. This protein regulates E2F-dependent transcriptional activation and cell proliferation, mainly through the E2F/retinoblastoma protein pathway. It also functions in the regulation of JUN oncogene expression. This protein shows distinctive nuclear-mitotic apparatus distribution, it is involved in spindle organization from prometaphase, and may also play a role as a midzone factor involved in chromosome segregation or cytokinesis. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene. Two pseudogenes have also been identified on chromosome 1. [provided by RefSeq, May 2014]