

## Product datasheet for **RC216388L4V**

### CDCA2 (NM\_152562) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDCA2 (NM_152562) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDCA2
Synonyms:	PPP1R81; Repo-Man
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152562
ORF Size:	3069 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216388).
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_152562.2</a>
RefSeq Size:	3735 bp
RefSeq ORF:	3072 bp
Locus ID:	157313
UniProt ID:	<a href="#">Q69YH5</a>
Cytogenetics:	8p21.2
MW:	112.5 kDa



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**Gene Summary:**

This gene encodes a targeting subunit of the cell-cycle associated protein, protein phosphatase 1, with a role in targeting this protein to chromatin during anaphase. These two proteins comprise a phosphatase complex that is involved in nuclear envelope reformation and regulation of the DNA damage response. The encoded protein may also play a role in cancer progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]