

## Product datasheet for **RC214496L3V**

### CDC25C (NM\_022809) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC25C (NM_022809) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC25C
Synonyms:	CDC25; PPP1R60
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022809
ORF Size:	1200 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214496).
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_022809.1</a> , <a href="#">NP_073720.1</a>
RefSeq Size:	1896 bp
RefSeq ORF:	1203 bp
Locus ID:	995
UniProt ID:	<a href="#">P30307</a>
Cytogenetics:	5q31.2
Protein Families:	Druggable Genome, Phosphatase, Stem cell - Pluripotency
Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation



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**MW:** 45.4 kDa

**Gene Summary:** This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Dec 2015]