

## Product datasheet for **RC224973L4V**

### CDC23 (NM\_004661) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC23 (NM_004661) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC23
Synonyms:	ANAPC8; APC8; CUT23
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004661
ORF Size:	1791 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224973).
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_004661.3</a>
RefSeq Size:	3169 bp
RefSeq ORF:	1794 bp
Locus ID:	8697
UniProt ID:	<a href="#">Q9UJX2</a>
Cytogenetics:	5q31.2
Domains:	TPR, APC8
Protein Families:	Druggable Genome



[View online »](#)

---

<b>Protein Pathways:</b>	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
<b>MW:</b>	68.7 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene shares strong similarity with <i>Saccharomyces cerevisiae</i> Cdc23, a protein essential for cell cycle progression through the G2/M transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eukaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction. [provided by RefSeq, Jul 2008]</p>