

## Product datasheet for **RC214712L2V**

### CDC40 (NM\_015891) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC40 (NM_015891) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC40
Synonyms:	EHB3; PCH15; PRP17; PRPF17
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015891
ORF Size:	1737 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214712).
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_015891.2</a>
RefSeq Size:	3866 bp
RefSeq ORF:	1740 bp
Locus ID:	51362
UniProt ID:	<a href="#">O60508</a>
Cytogenetics:	6q21
Domains:	WD40
Protein Pathways:	Spliceosome



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**MW:** 65.5 kDa

**Gene Summary:** Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression. [provided by RefSeq, Jul 2008]