

Product datasheet for **RC201385L2V**

CDCA8 (NM_018101) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDCA8 (NM_018101) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDCA8
Synonyms:	BOR; BOREALIN; DasraB; MESRGP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_018101
ORF Size:	840 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201385).
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. More info
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:	NM_018101.2
RefSeq Size:	2405 bp
RefSeq ORF:	843 bp
Locus ID:	55143
UniProt ID:	Q53HL2
Cytogenetics:	1p34.3
Protein Families:	Druggable Genome
MW:	31.3 kDa


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Gene Summary:

This gene encodes a component of the chromosomal passenger complex. This complex is an essential regulator of mitosis and cell division. This protein is cell-cycle regulated and is required for chromatin-induced microtubule stabilization and spindle formation. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 7, 8 and 16. [provided by RefSeq, Apr 2013]