

Product datasheet for **RC203624L4V**

CDCA5 (NM_080668) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDCA5 (NM_080668) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDCA5
Synonyms:	SORORIN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080668
ORF Size:	756 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203624).
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_080668.2
RefSeq Size:	2599 bp
RefSeq ORF:	759 bp
Locus ID:	113130
UniProt ID:	Q96FF9
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome
MW:	27.6 kDa



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Gene Summary:

Regulator of sister chromatid cohesion in mitosis stabilizing cohesin complex association with chromatin. May antagonize the action of WAPL which stimulates cohesin dissociation from chromatin. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Required for efficient DNA double-stranded break repair.[UniProtKB/Swiss-Prot Function]