



# Human CDCA2 peptide (DAG-P0322)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	CDCA2 is a regulator of chromosome structure during mitosis. CDCA2 forms an essential complex with protein phosphatase PP1-gamma subunit 1 (PPP1CC) and is required for the recruitment of PP1 to chromatin. Knockdown of CDCA2 by RNAi causes large-scale cell death by apoptosis, as does overexpression of a dominant-negative mutant of the protein.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CDCA2 cell division cycle associated 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CDCA2
<b>Synonyms</b>	CDCA2; cell division cycle associated 2; Repo-Man; cell division cycle-associated protein 2; recruits PP1 onto mitotic chromatin at anaphase protein; protein phosphatase 1 [gamma] (PPP1R3A) binding protein Repo-Man;
<b>Entrez Gene ID</b>	<a href="#">157313</a>
<b>mRNA Refseq</b>	<a href="#">NM_152562.2</a>
<b>Protein Refseq</b>	<a href="#">NP_689775.2</a>
<b>UniProt ID</b>	Q69YH5

**Chromosome Location**      8p21.2

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