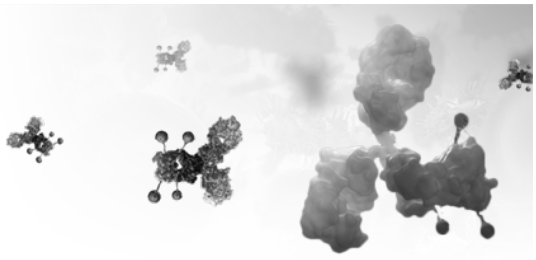

CDC23 blocking peptide (CDBP5084)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene shares strong similarity with Saccharomyces cerevisiae 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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CDC23 cell division cycle 23 [Homo sapiens (human)]
Official Symbol	CDC23
Synonyms	CDC23; cell division cycle 23; APC8; CUT23; ANAPC8; cell division cycle protein 23 homolog; cyclosome subunit 8; cell division cycle 23 homolog; anaphase promoting complex subunit 8;

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	anaphase-promoting complex subunit 8
Entrez Gene ID	8697
mRNA Refseq	NM_004661
Protein Refseq	NP_004652
UniProt ID	Q9UJX2
Pathway	APC/C complex; APC/C-mediated degradation of cell cycle proteins; APC/C:Cdc20 mediated degradation of Cyclin B; APC/C:Cdc20 mediated degradation of Securin; APC/C:Cdc20 mediated degradation of mitotic proteins; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins; Adaptive Immune System
Function	ubiquitin-protein transferase activity

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