

Recombinant Full Length Human CDC23 Protein, GST-tagged

Cat. No. CDC23-3134HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC23 full-length ORF (AAH17713, 1 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	591 amino acids
Description	The protein encoded by this gene shares strong similarity with <i>Saccharomyces cerevisiae</i> 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]
Molecular Mass	90.75 kDa
AA Sequence	MVPVAVTAAVAPVLSINSDFSDLREIKKQLLLIAGLTRERGLLHSSKWSAELAFSLPAL PLAELQPPPPITEEDAQDMDAYTLAKAYFDVKEYDRAAHFLHGCNSKKAYFLYMYS RYLSGEKKKDDDETVDLGPLEKGQVKNEALRELRVELSKKHQARELDGFGLYLYGV VLRKLDLVKEAIDVFVEATHVPLPHWGAWLELCNLITDKEMLKFLSLPDTWMKEFFLA HIYTELQLIEEALQKYQNLIDVGFSSYIVSQIAVAYHNIIRDIDKALSIFNELRKQDPY

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RIENMDTFSNLLYVRSMKSELSYLAHNLCEIDKYRVETCCVIGNYYSLRSQHEKAALY
 FQRALKLNPRYLGAWTLMGHEYMEMKNTSAAIQAYRHAIEVNKRDRYRAWYGLGQT
 YEILKMPFYCLYYYRRAHQLRPNDSRMLVALGECYEKLNQLVEAKKCYWRAYAVGD
 VEKMALVKLAKLHEQLTESEQAAQCYIKYIQDIYSCGEIVEHLEESTAFRYLAQYYFK
 CKLWDEASTCAQKCCAFNDTREETGKALLRQILQLRNQGETPTTEVPAPFFLPASLSA
 NNTPTRRVSPNLNLSVTP

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [CDC23 cell division cycle 23 homolog \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol [CDC23](#)

Synonyms CDC23; cell division cycle 23 homolog (S. cerevisiae); CDC23 (cell division cycle 23, yeast, homolog); cell division cycle protein 23 homolog; ANAPC8; anaphase promoting complex subunit 8; APC8; CUT23; cyclosome subunit 8; anaphase-promoting complex subunit 8;

Gene ID [8697](#)

mRNA Refseq [NM_004661](#)

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Protein Refseq NP_004652

MIM 603462

UniProt ID Q9UJX2

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