

Recombinant Human CDC23 Protein, GST-Tagged

Cat. No. CDC23-0912H **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	Wheat Germ
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 RYLSGEKKKKDDETVDSLGPLEKGQVKNEALRELVELSKKHQARELDGFGFLYLYGV VLRKLDLVKEAIDVFVEATHVLPLHWGAWLELCNLITDKEMLKFLSLPDTWMKEFFLA HIYTELQLIEEALQKYQNLIDVGFSKSSYIVSQIAVAYHNIIRDIDKALSIFNELRKQDPY RIENMDTFSNLLYVRSMKSELSTLAHNLCEIDKYRVETCCVIGNYYSLRSQHEKAALY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FQRALKLNPRYLGAWTLMGHEYMEMKNTSAAIQAYRHAIEVKNRDYRAWYGLGQT
YEILKMPFYCLYYRRRAHQLRPNDSRMLVALGECYEKLNQLVEAKKCYWRAYAVGD
VEKMALVKLAKLHEQLTESEQAAQCYIKYIQDIYSCGEIVEHLEESTAFRYLAQYYFK
CKLWDEASTCAQKCCAFNDTREEGKALLRQILQLRNQGETPTTEVPAPFFLPASLSA
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

Protein Refseq NP_004652

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

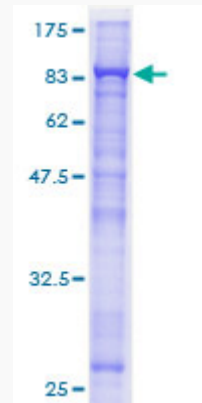
 45-1 Ramsey Road, Shirley, NY 11967, USA



MIM 603462

UniProt ID Q9UJX2

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA