

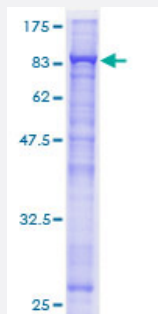
Full-Length

CDC23 (Human) Recombinant Protein (P01)

Catalog # H00008697-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDC23 full-length ORF (AAH17713, 1 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVPVAVTAAPVLSINSDFSDLREIKKQLLLIAGLTRERGLLHSSKWSAELAFSLPALPLAELQP
PPPITEEDAQDMDAYTLAKAYFDVKEYDRAAHFLHGCNSKKAYFLYMYSRYLSGEKKKDDDETVD
LGPLEKGQVKNEALRELVELSKKHQARELDGFGLYLYGVVLRKLDLVKEAIDVFVEATHVLPLH
WGAWLELCNLITDKEMLKFLSLPDTWMKEFFLAHYTELQLIEEALQKYQNLIDVGFSKSSYVSQIA
VAYHNIRDIDKALSIFNELRKQDPYRIENMDTFSNLLYVRSMKSELSYLAHNLCEIDKYRVETCCVIG
NYSLRSQHEKAALYFQRALKLNPRYLGAWTLMGHEYMEMKNTSAAIQAYRHAIEVNKRDIYRAWY
GLGQTYEILKMPFYCLYYYRRAHQLRPNDSRMLVALGECYEKLNQLVEAKKCYWRAYAVGDVEK
MALVKLAKLHEQLTESEQAAQC'YIKYQDIYSCGEMEHLEESTAFRYLAQYYFKCKLWDEASTCAQ
KCCAFNDTREEGKALLRQILQLRNQGETPTTEVPAPFFLPASLSANNTPTRRVSPLNLSSVTP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.75

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CDC23

Entrez GeneID	8697
GeneBank Accession#	BC017713
Protein Accession#	AAH17713
Gene Name	CDC23
Gene Alias	APC8
Gene Description	cell division cycle 23 homolog (S. cerevisiae)
Omim ID	603462
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	anaphase-promoting complex subunit 8 cell division cycle protein 23

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)