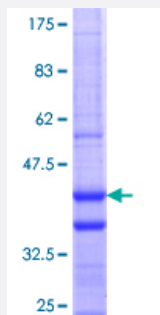


CDC23 (Human) Recombinant Protein (Q01)

Catalog # H00008697-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDC23 partial ORF (NP_004652.1, 491 a.a. - 591 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YSCGEMEHLEESTAFRYLAQYYFKCKLWDEASTCAQKCCAFNDTREEGKALLRQILQLRNQGETPTTEVPAPFFLPASLSANNTPTRRVSPLNLSSVTP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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# [NM_004661](#)

Protein Accession# [NP_004652.1](#)

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 *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]

Other Designations anaphase-promoting complex subunit 8|cell division cycle protein 23

Pathway

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