

Recombinant Human CDC23 protein, His & T7-tagged

Cat. No. CDC23-1776H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC23 aa. (Gly366~Pro597 (Accession # Q9UJX2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly366~Pro597
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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Characteristic	The isoelectric point is 8.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CDC23 cell division cycle 23 [Homo sapiens (human)]
Official Symbol	CDC23
Synonyms	Plscr5; phospholipid scramblase family, member 5; 331000; phospholipid scramblase family member 5
Gene ID	8697
mRNA Refseq	NM_004661.3

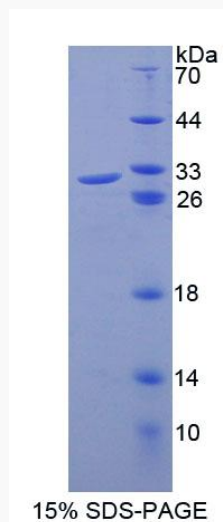
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Protein Refseq NP_004652.2

UniProt ID Q9UJX2



SDS-PAGE

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