Recombinant Human cell division cycle 6 homolog (S. cerevisiae)

Cat. No. CDC6-93H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC-6 encoding a.a. 260-563 expressed in*E.coli*,60 kDa.
Species	Human
Source	E.coli
ProteinLength	260-563 a.a.
Description	Cell cycle events are regulated by the sequential activation and deactivation of cyclin depended kinase (Cdks) and by the proteolysis of cyclins. The cell division cycle (Cdc) genes are required at various points in the cell cycle. Cdc6 is the human homolog of Saccharomyces cerevisiae Cdc6, which is involved in the initiation of DNA replication.
Presentation	Recombinant Human CDC-6 protein at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	•ELISA •Inhibition Assays •Western Blotting
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 60 kDa.
Storage	Store vial at -20℃to -80℃. When stored at the recommended temperature, this protein is stable for 12 months.

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

GENE INFORMATION

Gene Name	CDC6 cell division cycle 6 homolog (S. cerevisiae) [Homo sapiens]
Synonyms	CDC6; cell division cycle 6 homolog (S. cerevisiae); CDC18L; HsCDC6; HsCDC18; CDC6 (cell division cycle 6, S. cerevisiae) homolog; CDC6 cell division cycle 6 homolog (S. cerevisiae);Cell division control protein 6 homolog;p62(cdc6); CDC18 (cell division cycle 18, S.pombe, homolog)-like; homolog;CDC6 cell division cycle 6 homo;CDC6-related protein; cell division cycle 6 homolog (S. cerevisiae); cell division cycle 6 protein
Gene ID	990
mRNA Refseq	NM_001254
Protein Refseq	NP_001245
MIM	602627
UniProt ID	Q99741
Chromosome Location	17q21.3
Pathway	Cell cycle; Cell Cycle Checkpoints; Cell Cycle, Mitotic; DNA Replication
Function	ATP binding;chromatin binding;nucleoside-triphosphatase activity;nucleotide binding;protein binding

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