

Recombinant Human CDC20

Cat. No. CDC20-27897TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-100 of Human Cdc20 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	CDC20 appears to act as a regulatory protein interacting with several other proteins at multiple points in the cell cycle. It is required for two microtubule-dependent processes, nuclear movement prior to anaphase and chromosome separation.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MAQFAFESDLHSLQLDAIPNAPPARWQRKAKEAAGPAPSPMRAANRSHSAGRT

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acids PGRTPGKSSSKVQTTPSKPGGDRYIPHRSAQMEVASFLLSKENQ

Sequence Similarities Belongs to the WD repeat CDC20/Fizzy family. Contains 7 WD repeats.

GENE INFORMATION

Gene Name CDC20 cell division cycle 20 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol CDC20

Synonyms CDC20; cell division cycle 20 homolog (*S. cerevisiae*); CDC20 (cell division cycle 20, *S. cerevisiae*, homolog) , CDC20 cell division cycle 20 homolog (*S. cerevisiae*); cell division cycle protein 20 homolog; CDC20A; p55CDC;

Gene ID 991

mRNA Refseq NM_001255

Protein Refseq NP_001246

MIM 603618

Uniprot ID Q12834

Chromosome Location 1p34.1

Pathway APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem;

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Function

enzyme binding; protein C-terminus binding; protein binding;

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