

Recombinant Human CDC26 293 Cell Lysate

Cat. No. CDC26-7663HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cell division cycle 26 homolog (<i>S. cerevisiae</i>) (CDC26) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CDC26 cell division cycle 26 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

CDC26

Synonyms

CDC26; cell division cycle 26 homolog (*S. cerevisiae*); C9orf17, cell division cycle 26 , chromosome 9 open reading frame 17; anaphase-promoting complex subunit CDC26; ANAPC12; anaphase promoting complex subunit 12; APC12; CDC26 subunit of anaphase promoting complex; anaphase-promoting complex subunit 12; cell division cycle protein 26 homolog; C9orf17;

Gene ID

246184

mRNA Refseq

NM_139286

Protein Refseq

NP_644815

MIM

614533

UniProt ID

Q8NHZ8

**Chromosome
Location**

9q32

Pathway

APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem;

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APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem;
APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem;
APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem;
APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted
proteins in late mitosis/early G1, organism-specific biosystem;

Function	protein binding;
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