

Human CDC16 Knockdown Cell Lysate

Cat. No. CDC16-332HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CDC16 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene functions as a protein ubiquitin ligase and is a component of the multiprotein APC complex. The APC complex is a cyclin degradation system that governs exit from mitosis by targeting cell cycle proteins for degradation by the 26S proteasome. Each component protein of the APC complex is highly conserved among eukaryotic organisms. This protein, and other APC complex proteins, contain a tetratricopeptide repeat (TPR) domain; a protein domain that is often involved in protein-protein interactions and the assembly of multiprotein complexes. Multiple alternatively spliced transcript variants, encoding distinct proteins, have been identified.
Form	Cell-Tissue Lysis buffer
Molecular Mass	72 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CDC16 KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	CDC16 cell division cycle 16 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	CDC16
Synonyms	CDC16; cell division cycle 16 homolog (<i>S. cerevisiae</i>); CDC16 (cell division cycle 16, <i>S. cerevisiae</i> , homolog), CDC16 cell division cycle 16 homolog (<i>S. cerevisiae</i>); cell division cycle protein 16 homolog; ANAPC6; anaphase promoting complex; subunit 6; APC6; CUT9; CDC16Hs; cyclosome subunit 6; anaphase-promoting complex subunit 6; anaphase-promoting complex, subunit 6;
Gene ID	8881
mRNA Refseq	NM_001078645

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Protein Refseq	NP_001072113
MIM	603461
UniProt ID	Q13042

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