

## Human CDK16 Knockdown Cell Lysate

Cat. No. CDK16-102HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated CDK16 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	56 kDa
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific

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<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CDK16 KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Protein Kinase
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	CDK16 cyclin-dependent kinase 16 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CDK16
<b>Synonyms</b>	CDK16; cyclin-dependent kinase 16; PCTAIRE protein kinase 1, PCTK1; FLJ16665; PCTAIRE; PCTAIRE1; PCTGAIRE; serine/threonine protein kinase; PCTAIRE-motif protein kinase 1; cell division protein kinase 16; serine/threonine-protein kinase PCTAIRE-1; PCTK1;
<b>Gene ID</b>	5127
<b>mRNA Refseq</b>	NM_001170460
<b>Protein Refseq</b>	NP_001163931
<b>MIM</b>	311550
<b>UniProt ID</b>	Q00536

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