

Recombinant Human CDK10 cell lysate

Cat. No. CDK10-326HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CDK10 cyclin-dependent kinase 10 [Homo sapiens]
Official Symbol	CDK10
Synonyms	CDK10; cyclin-dependent kinase 10; cyclin dependent kinase (CDC2 like) 10; PISSLRE; CDC2-related protein kinase; cell division protein kinase 10; cyclin-

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	dependent kinase (CDC2-like) 10; cyclin-dependent kinase related protein; serine/threonine protein kinase PISSLRE; serine/threonine-protein kinase PISSLRE;
Gene ID	8558
mRNA Refseq	NM_001098533
Protein Refseq	NP_001092003
MIM	603464
UniProt ID	Q15131
Chromosome Location	16q24.3
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein binding;

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