

Recombinant Human CLK4 cell lysate

Cat. No. CLK4-366HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene belongs to the CDC2-like protein kinase (CLK) family. This protein kinase can interact with and phosphorylate the serine- and arginine-rich (SR) proteins, which are known to play an important role in the formation of spliceosomes, and thus may be involved in the regulation of alternative splicing. Studies in the Israeli sand rat <i>Psammomys obesus</i> suggested that the ubiquitin-like 5 (UBL5/BEACON), a highly conserved ubiquitin-like protein, may interact with and regulate the activity of this kinase. Multiple alternatively spliced transcript variants have been observed, but the full-length natures of which have not yet been determined.
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	CLK4 CDC-like kinase 4 [Homo sapiens]
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Official Symbol	CLK4
Synonyms	CLK4; CDC-like kinase 4; dual specificity protein kinase CLK4; protein serine threonine kinase Clk4; DKFZp686A20267;
Gene ID	57396
mRNA Refseq	NM_020666
Protein Refseq	NP_065717
MIM	607969
UniProt ID	Q9HAZ1
Chromosome Location	5q35
Pathway	mRNA processing, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity;

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