

Recombinant Human CDK9 lysate

Cat. No. CDK9-178HCL Lot. No. (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	46130.78Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	CDK9 cyclin-dependent kinase 9 [Homo sapiens]
Official Symbol	CDK9
Synonyms	CDK9; cyclin-dependent kinase 9; CDC2L4, cyclin dependent kinase 9 (CDC2 related kinase); C 2k; PITALRE; TAK; CDC2-related kinase; cell division protein kinase 9; serine/threonine protein kinase PITALRE; serine/threonine-protein kinase PITALRE; cell division cycle 2-like protein kinase 4; tat-associated kinase complex catalytic subunit; C-2k; CTK1; CDC2L4;

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Gene ID	1025
mRNA Refseq	NM_001261
Protein Refseq	NP_001252
MIM	603251
UniProt ID	P50750
Chromosome Location	9q34.1
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Disease, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem;
Function	ATP binding; DNA binding; RNA polymerase II carboxy-terminal domain kinase activity; cyclin-dependent protein kinase activity; nucleotide binding; protein binding; protein kinase activity; snRNA binding; transcription regulatory region DNA binding;

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