

Active Recombinant Full Length Human CDK9 Protein, DDK-tagged, Biotinylated

Cat. No. CDK9-2977HF Lot. No. (See product label)

SPECIFICATION

Product Overview Full-length human CDK9 [1-372(end) amino acids of accession number NP_001252.1] was co-expressed as N-terminal DYKDDDDK tagged, biotinylated protein (47 kDa) with GST-CyclinK(CCNK) [1- 580(end)(91kDa) amino acids of accession number NP_001092872.1] using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

Species Human

Source Sf21 Cells

ProteinLength 1-372(end)

Form 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Bio-activity The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Purity 91%

Applications SDS-PAGE

Storage Store at -80C. Avoid repeating freeze-thaws.

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Conjugation Biotin

GENE INFORMATION

Gene Name cyclin-dependent kinase 9

Official Symbol CDK9

Synonyms CDK9;C-2k;CDC2L4;CTK1;PITALRE;TAK

Protein Refseq [NP_001252.1](#)

UniProt ID [P50750](#)

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