

Active Recombinant Full Length Human CDK1 Protein, DDK-tagged, Biotinylated

Cat. No. CDK1-4155HF Lot. No. (See product label)

SPECIFICATION

Product Overview Full-length human CDK1 [1-297(end) amino acids of accession number NP_001777.1] was co-expressed as N-terminal DYKDDDDK tagged, biotinylated protein (38 kDa) with His-CyclinB1 [1-433(end) amino acids of accession number NP_114172.1] using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

Species Human

Source Sf21 Cells

ProteinLength 1-297(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 72%

Applications SDS-PAGE

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

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Conjugation Biotin

GENE INFORMATION

Gene Name cyclin-dependent kinase 1

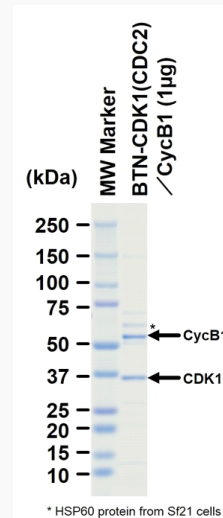
Official Symbol CDK1

Synonyms CDK1; CDC2; CDC28A; P34CDC2

Protein Refseq [NP_001777.1](#)

UniProt ID [P06493](#)

SDS-PAGE

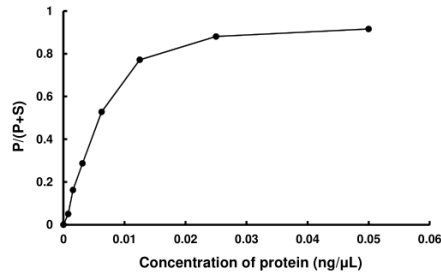


The purity was assessed by SDS-PAGE/CBB staining.

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