

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

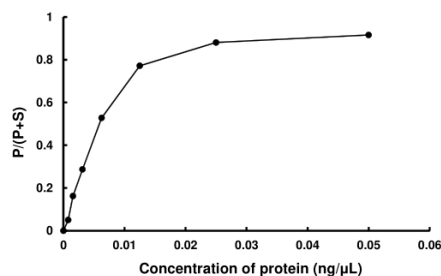
Synonyms CDK1; CDC2; CDC28A; P34CDC2

Protein Refseq [NP_001777.1](#)

UniProt ID [P06493](#)

Activity data

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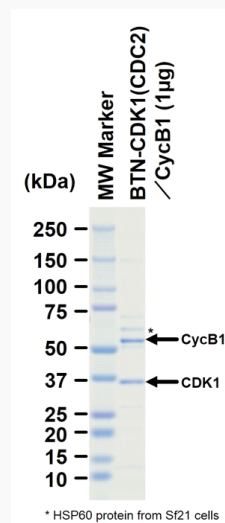
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SDS-PAGE



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

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