

# Active Recombinant Full Length Human CDK2 Protein, DDK-tagged, Biotinylated

**Cat. No.** CDK2-9020HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human CDK2 [1-298(end) amino acids of accession number NP_001789.2] was co-expressed as N-terminal DYKDDDDK tagged, biotinylated protein (38 kDa) with CyclinE1 [1-410(end) amino acids of accession number NP_001229.1] using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-298(end)                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                                                                                                   |
| <b>Bio-activity</b>     | 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.                                                                                             |
| <b>Purity</b>           | 99%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                                                                                               |

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**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** cyclin-dependent kinase 2

**Official Symbol** CDK2

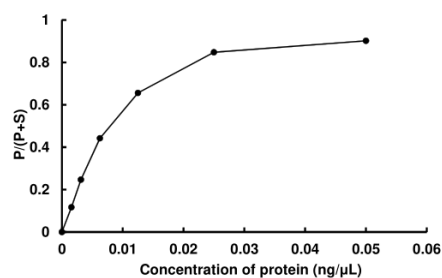
**Synonyms** CDK2;CDKN2;p33(CDK2)

**Protein Refseq** [NP\\_001789.2](#)

**UniProt ID** [P24941](#)

### Activity data

Activity data



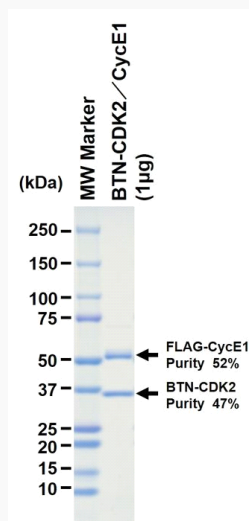
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## SDS-PAGE



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

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