

# Active Recombinant Full Length Human CDK3 Protein, GST-tagged

**Cat. No.** CDK3-4540HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human CDK3 [1-305(end) amino acids of accession number NP_001249.1] was co-expressed as N-terminal GST-fusion protein (62kDa) with CyclinE1 [1-410(end) amino acids of accession number NP_001229.1] using baculovirus expression system. GST-CDK3 was purified by using glutathione sepharose chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-305(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. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.                                                                                |
| <b>Purity</b>           | 66%                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** cyclin-dependent kinase 3

**Official Symbol** CDK3

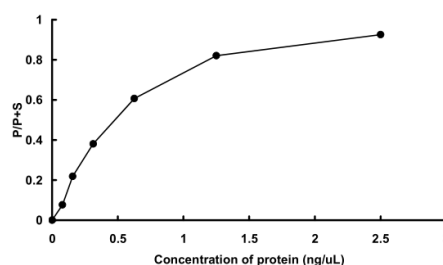
**Synonyms** CDK3

**Protein Refseq** [NP\\_001249.1](#)

**UniProt ID** [Q00526](#)

### Activity data

Activity data



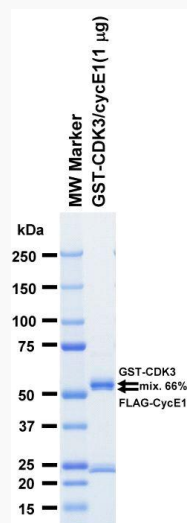
The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

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## SDS-PAGE



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

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