

Active Recombinant Full Length Human CDK4 Protein, GST-tagged

Cat. No. CDK4-4867HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Full-length human CDK4 [1-303(end) amino acids of accession number NP_000066.1] was co-expressed as N-terminal GST-fusion protein (61 kDa) with human GST-CyclinD3 [1-292(end) amino acids of accession number AAA51927.1] using baculovirus expression system. GST-CDK4/CycD3 was purified by using glutathione sepharose chromatography and activated with His-tagged CDK7. Activated GST- CDK4/CycD3 was purified using glutathione sepharose chromatography.

Species Human

Source Sf21 Cells

ProteinLength 1-303(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. 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.

Purity 84%

Applications SDS-PAGE

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

GENE INFORMATION

Gene Name cyclin-dependent kinase 4

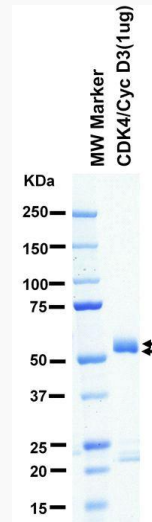
Official Symbol CDK4

Synonyms CDK4;CMM3;PSK-J3

Protein Refseq [NP_000066.1](#)

UniProt ID [P11802](#)

SDS-PAGE

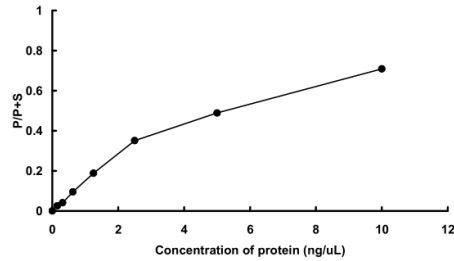


The purity was assessed by SDS-PAGE/CBB staining.

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Activity data**Activity data**

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