

Active Recombinant Full Length Human CDK7 Protein, GST-tagged

Cat. No. CDK7-4488HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CDK7 [1-346(end) amino acids of accession number NP_001790.1] was co-expressed as N-terminal GST-fusion protein (66 kDa) with CyclinH [1-323(end) amino acids of accession number NP_001230.1] and MAT1 [1-309(end) amino acids of accession number NP_002422.1] using baculovirus expression system. GST-CDK7 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-346(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	94%
Applications	SDS-PAGE

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

GENE INFORMATION

Gene Name cyclin-dependent kinase 7

Official Symbol CDK7

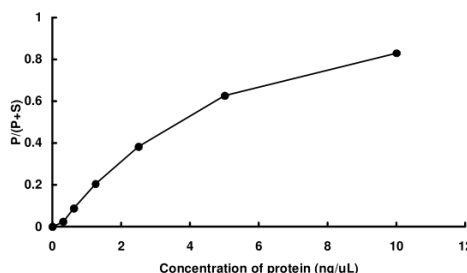
Synonyms CDK7;CAK;CAK1;CDKN7;HCAK;MO15;STK1;p39MO15

Protein Refseq [NP_001790.1](#)

UniProt ID [P50613](#)

Activity data

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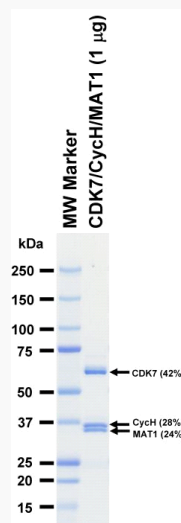
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SDS-PAGE



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

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