Active Recombinant Full Length Human CDK1 Protein, GST-tagged

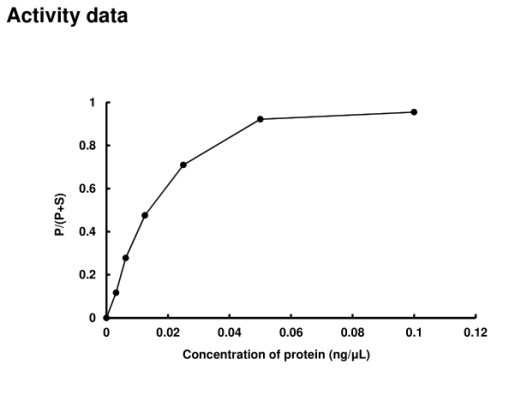
Cat. No. CDK1-2418HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CDK1 [1-297(end) amino acids of accession number NP_001777.1] was co-expressed as N-terminal GST-fusion protein (61 kDa) with CyclinB1 [1-433(end) amino acids of accession number NP_114172.1] using baculovirus expression system. GST-CDK1 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-297
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 fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	80%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

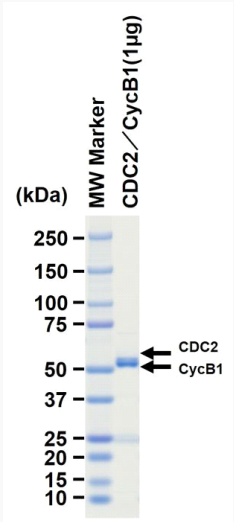
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GENE INFORMATION

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

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