

Active Recombinant Full Length Human CDK9 Protein, GST-tagged

Cat. No. CDK9-8407HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CDK9 [1-372(end) amino acids of accession number NP_001252.1] was co-expressed as N-terminal GST-fusion protein (70 kDa) with His-CyclinT2(CCNT2) [1-730(end) amino acids of accession number NP_490595.1] using baculovirus expression system. GST-CDK9 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-372(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	77%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

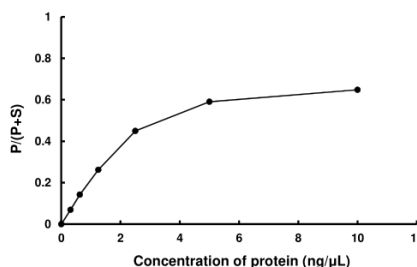
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	cyclin-dependent kinase 9
Official Symbol	CDK9
Synonyms	CDK9;C-2k;CDC2L4;CTK1;PITALRE;TAK
Protein Refseq	NP_001252.1
UniProt ID	P50750

Activity data

Activity data



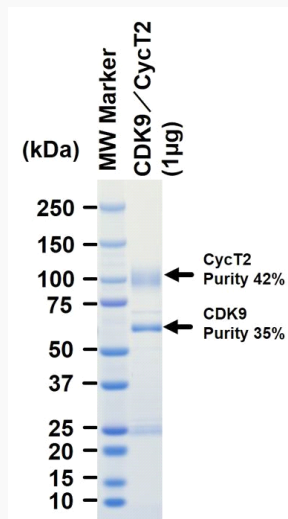
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SDS-PAGE



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

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