

Active Recombinant Full Length Human CDK2 Protein, DDK-tagged, Biotinylated

Cat. No. CDK2-5875HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CDK2 [1-298(end) amino acids of accession number NP_001789.2] was co-expressed as N-terminal DYKDDDDK tagged, biotinylated protein (38 kDa) with GST-CyclinA2 [1-432(end) amino acids of accession number NP_001228.1] using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.
Species	Human
Source	Sf21 Cells
ProteinLength	1-298(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	100%
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

Conjugation Biotin

GENE INFORMATION

Gene Name cyclin-dependent kinase 2

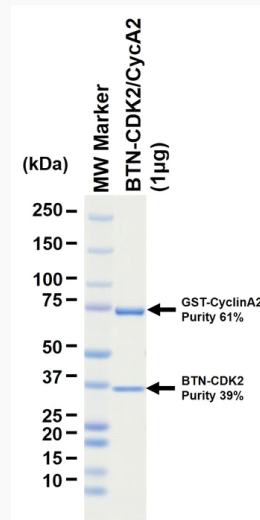
Official Symbol CDK2

Synonyms CDK2;CDKN2;p33(CDK2)

Protein Refseq [NP_001789.2](#)

UniProt ID [P24941](#)

SDS-PAGE



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

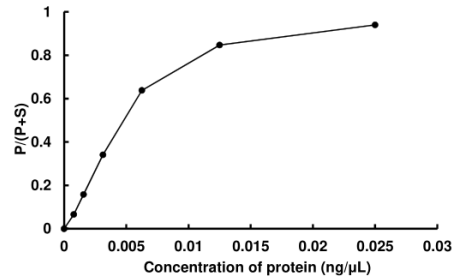
 Tel: 1-631-559-9269 1-516-512-3133

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

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

Activity data

Activity data



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.

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