

Active Recombinant Full Length Human CDK6 Protein, GST-tagged

Cat. No. CDK6-6342HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Full-length human CDK6 [1-326(end) amino acids of accession number NP_001250.1] was co-expressed as N-terminal GST-fusion protein (64 kDa) with human GST-CyclinD3 [1-292(end) amino acids of accession number AAA51927.1] using baculovirus expression system. GST-CDK6/CycD3 was purified by using glutathione sepharose chromatography and activated with His-tagged CDK7. Activated GST- CDK6/CycD3 was purified using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-326(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	94%
Applications	SDS-PAGE

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

GENE INFORMATION

Gene Name cyclin-dependent kinase 6

Official Symbol CDK6

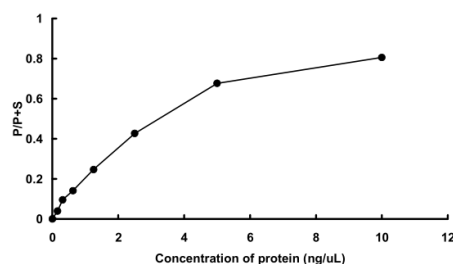
Synonyms CDK6;MCPH12;PLSTIRE

Protein Refseq [NP_001250.1](#)

UniProt ID [Q00534](#)

Activity data

Activity data



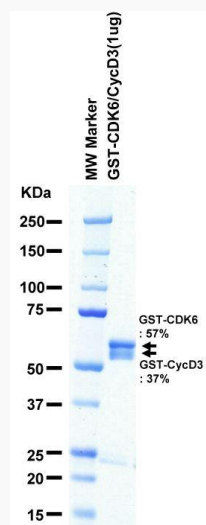
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SDS-PAGE



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

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