

Active Recombinant Full Length Human PLK1 Protein, DDK-tagged, Biotinylated

Cat. No. PLK1-5411HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human PLK1 [1-603(end) amino acids of accession number NP_005021.2] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (72 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.
Species	Human
Source	Sf21 Cells
ProteinLength	1-603(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	89%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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Conjugation Biotin

GENE INFORMATION

Gene Name polo-like kinase 1

Official Symbol PLK1

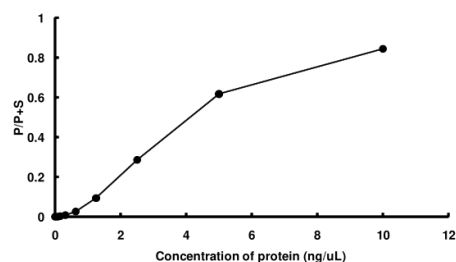
Synonyms PLK1;PLK;STPK13

Protein Refseq [NP_005021.2](#)

UniProt ID [P53350](#)

Activity data

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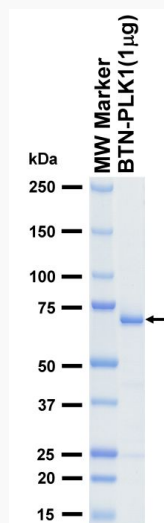


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SDS-PAGE

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

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