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Product Information

PLK1

Product Number: 05-157

Product description

Full-length human PLK1 [1-603(end) amino acids of accession number NP_005021.2] was expressed as N-terminal GST-fusion protein (95 kDa) using baculovirus expression system. GST-PLK1 was purified by using glutathione sepharose chromatography.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.1% CHAPS, 1 mM DTT, 10% glycerol, pH 7.5

Storage and Handling:

Store at -80C.

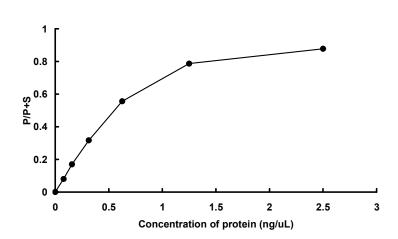
Avoid repeating freeze-thaws.

SDS-PAGE

(kDa) WW Warker 150 150 75 50 37 25 20 15 -

Purity: 84 %
The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip $^{\text{TM}}$ 3000.

Substrate : CDC25ctide ATP : 100 μ M