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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.

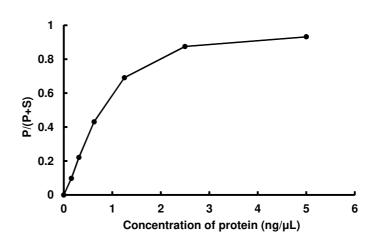
SDS-PAGE

(kDa) 250 – 150 – 100 – 75 – 37 – 25 – 20 – 21 – 21 – 21 – 22 – 23 – 24 – 25 – 26 – 27 – 28 – 29 – 20 – 20 – 21 – 22 – 23 – 24 – 25 – 26 – 27 – 28 – 29 – 20

Purity: 87 %
The purity was assessed by SDS-PAGE/CBB

staining.

Activity data



The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Substrate: CDC25ctide

цΜ

ATP: 100