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Product Information

CDK9/CycK

Product Number: 04-111

Product description

Full-length human CDK9 [1-372(end) amino acids of accession number NP_001252.1] was co-expressed as N-terminal GST-fusion protein (70 kDa) with GST-CyclinK(CCNK) [1-580(end) amino acids of accession number NP_001092872.1] using baculovirus expression system. GST-CDK9 was purified by using glutathione sepharose chromatography.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage and Handling:

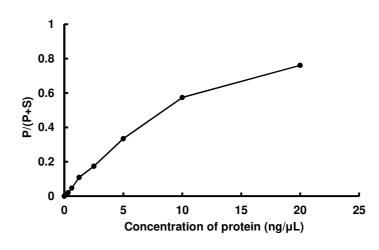
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

(Bill) WM Warker (1 ind) (CDK9) (Correct (2 ind) (Dill) (1 ind) (Dill) (2 ind) (Dill

Purity: 89 % 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: CDK9 substrate

ATP: $100 \mu M$