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Product Information

BTN-CDK8/CycC

Product Number: 04-409-20N

Product description

Full-length human CDK8 [1-464(end) amino acids of accession number NP_001251.1] was co-expressed as N-terminal DYKDDDK tagged, biotinylated protein (57 kDa) with human GST-CyclinC [1-283(end) amino acids of accession number NP_005181.2] using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

Storage buffer:

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

Storage and Handling:

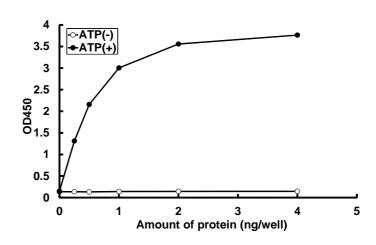
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

(kDa) 250 150 100 75 BTN-CDK8 Purity: 53% GST-Cyclinc Purity: 45% 25 20 15 10 -

Purity: 98 % The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was determined by ELISA. The enzyme was incubated with biotinylated peptide in streptavidin-coated ELISA plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG).

Substrate: RNA polymerase peptide

ATP: $100 \mu M$