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Product Information

BTN-CDK12(CRKRS)(720-1490aa)/CycK

Product Number: 04-413-20N

Product description

Truncated human CDK12 [720-1490(end) amino acids of accession number NP_057591.2] was co-expressed as N-terminal DYKDDDDK tagged, biotinylated protein (89 kDa) with His-CyclinK(CCNK) [1-580(end) amino acids of accession number NP_001092872.1] 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:

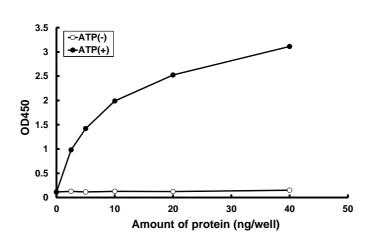
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

BTN-CDK12(CRKRS) 720-1490aa) / CycK **MW Marker** (kDa) 250 -150 -BTN-CDK12 Purity 61% 100 75 His-CycK Purity 21% 50 **-**37 -20 15 -

Purity: 82 % 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 _{uM}