## CDK1(CDC2)/CycB1

Product code 04-102
Assay platform
: Mobility Shift Assay
Substrate
: Modified Histone H1

Full-length human CDK1 [1-297(end) amino acids of accession number NP_001777.1] was co-expressed as N-terminal GST-fusion protein ( 61 kDa ) with CyclinB1 [1-433(end) amino acids of accession number NP_114172.1] using baculovirus expression system. GST-CDK1 was purified by using glutathione sepharose chromatography.

ATP $(\mu \mathrm{M}) \mathrm{Km}$ app / Bin : $34 / 50$
Metal : Mg
Reference compound : Staurosporine
IC50 at ATP Bin (nM) : 3.3
IC50 at 1 mM ATP (nM) : 32

