
CDK2/CycE1

Product code 04-165

Full-length human CDK2 [1-298(end) amino acids of accession number NP_001789.2] was co-expressed as N-terminal GST-tagged protein (61 kDa) with CyclinE1 [1-410(end) amino acids of accession number NP_001229.1] using baculovirus expression system. GST-CDK2 was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Histone H1

ATP (uM) $K_{m\ app}$ / Bin : 130 / 150

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 2.8

IC₅₀ at 1mM ATP (nM) : 10
