
CDC2/CycB1

Product code 04-102

Full-length human CDC2 [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-CDC2 was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Histone H1

ATP (uM) $K_{m\ app}$ / Bin : 34 / 50

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 2.1

IC₅₀ at 1mM ATP (nM): 32
