
CDK6 / CycD3

Product code 04-107

Full-length human CDK6 [1-326(end) amino acids of accession number NP_001250.1] was co-expressed as N-terminal GST-fusion protein (64 kDa) with human GST-CyclinD3 [1-292(end) amino acids of accession number AAA51927.1] using baculovirus expression system. GST-CDK6/CycD3 was purified by using glutathione sepharose chromatography and activated with His-tagged CDK7. Activated GST-CDK6/CycD3 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : DYRKtide-F

ATP (uM) $K_{m\ app}$ / Bin : 330 / 300

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 42

IC₅₀ at 1mM ATP (nM): 110
