
CDK5/p25

Product code 04-106

Full-length human CDK5 [1-292(end) amino acids of accession number NP_004926.1] was co-expressed as N-terminal GST-fusion protein (60 kDa) with p25 [99-307(end) amino acids of accession number NP_003876.1] using baculovirus expression system. GST-CDK5 was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Histone H1

ATP (uM) $K_{m\ app}$ / Bin : 10 / 10

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 2.5

IC₅₀ at 1mM ATP (nM): 86
