
NEK1

Product code 05-123

Human NEK1, catalytic domain [1-505 amino acids of accession number NP_036356.1] was expressed as N-terminal GST-fusion protein (85 kDa) using baculovirus expression system. GST-NEK1 was purified by using glutathione sepharose chromatography and gel filtration chromatography.

Assay Platform : Mobility Shift Assay

Substrate : CDK7 peptide

ATP (uM) $K_{m\ app}$ / Bin : 64 / 75

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 51

IC₅₀ at 1mM ATP (nM): 650
