
SGK

Product code 01-158

Truncated human SGK [61-431(end) amino acids and S422D of accession number NP_005618.2] was co-expressed as N-terminal GST-fusion protein (68 kDa) with His-tagged PDK1 [1-556(end) amino acids of accession number NP_002604.1] using baculovirus expression system. GST-SGK was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : SGKtide

ATP (uM) $K_{m\ app}$ / Bin : 52 / 50

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 4.6

IC₅₀ at 1mM ATP (nM) : 99
