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## DYRK1B

Product code 04-131

Full-length human DYRK1B [1-629(end) amino acids of accession number NP\_004705.1] was expressed as N-terminal GST-fusion protein (96 kDa) using baculovirus expression system. GST-DYRK1B was purified by using glutathione sepharose chromatography and anion exchange chromatography.

Assay Platform : Mobility Shift Assay

Substrate : DYRKtide-F

ATP (uM)  $K_{m\ app}$  / Bin : 59 / 50

Metal : Mg

Reference compound : Staurosporine

IC<sub>50</sub> at ATP Bin (nM) : 2.2

IC<sub>50</sub> at 1mM ATP (nM) : 32

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