
JAK2

Product code 08-045

Human JAK2, catalytic domain [826-1132(end) amino acids of accession number NP_004963.1] was expressed as N-terminal His-tagged protein (39 kDa) using baculovirus expression system. His-tagged JAK2 was purified by using Ni-NTA affinity chromatography and anion exchange chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Src tide

ATP (uM) $K_{m\ app}$ / Bin : 13 / 10

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 0.22

IC₅₀ at 1mM ATP (nM): 6.0
