
JAK1

Product code 08-144

Human JAK1, catalytic domain [850-1154(end) amino acids of accession number NP_002218.2] was expressed as N-terminal GST-fusion protein (62 kDa) using baculovirus expression system. GST-JAK1 was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : JAK1 substrate peptide

ATP (uM) $K_{m\ app}$ / Bin : 68 / 75

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 0.71

IC₅₀ at 1mM ATP (nM): 5.9
