
JNK1(MAPK8)

Product code 04-163

Human JNK1, catalytic domain [2-364 amino acids of accession number NP_620634.1] was expressed as N-terminal GST-fusion protein (69 kDa) using E. coli expression system. GST-JNK1 was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K4 and MAP2K7. Activated GST-JNK1 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Erktide

ATP (uM) $K_{m\ app}$ / Bin : 29 / 100

Metal : Mg

Reference compound : JNK Inhibitor II

IC₅₀ at ATP Bin (nM) : 1500

IC₅₀ at 1mM ATP (nM): >10000
