
JNK2(MAPK9)

Product code 04-164

Human JNK2, catalytic domain [1-364 amino acids of accession number NP_002743.3] was expressed as N-terminal GST-fusion protein (69 kDa) using E. coli expression system. GST-JNK2 was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K4 and MAP2K7. Activated GST-JNK2 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Erktide

ATP (uM) $K_{m\ app}$ / Bin : 21 / 50

Metal : Mg

Reference compound : JNK Inhibitor II

IC₅₀ at ATP Bin (nM) : 350

IC₅₀ at 1mM ATP (nM): 7800
