
p38 α (MAPK14)

Product code 04-152

Truncated human p38 α [9-352 amino acids of accession number NP_620581.1] was expressed as N-terminal GST-fusion protein (66 kDa) using E. coli expression system. GST-p38 α was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K6. Activated GST-p38 α was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Erktide

ATP (uM) $K_{m\ app}$ / Bin : 150 / 150

Metal : Mg

Reference compound : SB202190

IC₅₀ at ATP Bin (nM) : 6.3

IC₅₀ at 1mM ATP (nM): 22
