p38α(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 : MSA Substrate : Modified Erktide

 ATP (μM) Km app / Bin
 : 150 / 150

 Metal
 : Mg

 Reference compound
 : SB202190

 IC50 at ATP Bin (nM)
 : 6.3

 IC50 at 1 mM ATP (nM)
 : 22