
Erk1(MAPK3)

Product code 04-142

Full-length human Erk1 [1-379(end) amino acids of accession number NP_002737.1] was expressed as N-terminal GST-fusion protein (70 kDa) using E. coli expression system. GST-Erk1 was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K1. Activated GST-Erk1 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Erktide

ATP (uM) $K_{m\ app}$ / Bin : 34 / 50

Metal : Mg

Reference compound : 5-Iodotubercidin

IC₅₀ at ATP Bin (nM) : 870
