
Erk2(MAPK1)

Product code 04-143

Full-length human Erk2 [1-360(end) amino acids of accession number NP_002736.3] was expressed as N-terminal GST-fusion protein (69 kDa) using E. coli expression system. GST-Erk2 was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K1. Activated GST-Erk2 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Modified Erktide

ATP (uM) $K_{m\ app}$ / Bin : 33 / 50

Metal : Mg

Reference compound : 5-Iodotubercidin

IC₅₀ at ATP Bin (nM) : 1200

IC₅₀ at 1mM ATP (nM): >10000
