
Erk5(MAPK7)

Product code 04-146

Human Erk5, catalytic domain [1-398 amino acids of accession number NP_002740.2] was expressed as N-terminal GST-fusion protein (73 kDa) using E. coli expression system. GST-Erk5 was purified by using glutathione sepharose chromatography and activated with His-tagged MAP2K5. Activated GST-Erk5 was purified using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : EGFR-derived peptide

ATP (uM) $K_{m\ app}$ / Bin : 410 / 1000

Metal : Mg

Reference compound : Staurosporine

IC₅₀ at ATP Bin (nM) : 140
