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## MAP2K2

Product code 07-142

Full-length human MAP2K2 [1-400(end) amino acids of accession number NP\_109587.1] was co-expressed as N-terminal GST-fusion protein (72 kDa) with human His-tagged RAF1 [306-648 amino acids and Y340D and Y341D of accession number NP\_002871.1] using baculovirus expression system. GST-MAP2K2 was purified by using glutathione sepharose chromatography and Ni-NTA affinity chromatography.

Assay Platform : Mobility Shift Assay

Substrate : Erk2

*Cascade Assay\**

Metal : Mg

Reference compound : Staurosporine

IC<sub>50</sub> at 1mM ATP (nM): 54

\* *Erk2 / Modified Erktide*

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