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## COT(MAP3K8)

Product code 07-301

Human COT, catalytic domain [30-397 amino acids of accession number NP\_005195.2] was expressed as N-terminal GST-fusion protein using baculovirus expression system. GST-COT was purified by using glutathione sepharose chromatography. GST-COT was cleaved by PreScission protease and GST-free COT (45 kDa) was collected as flow-through fraction from glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : MAP2K1

*Cascade Assay\**

Metal : Mg

Reference compound : Staurosporine

IC<sub>50</sub> at 1mM ATP (nM): 120

\* *MAP2K1 / Erk2 / Modified Erktide*

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