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# INSR

Product code 08-142

Human INSR, catalytic domain [1005-1310 amino acids of accession number NP\_000199.1] was expressed as N-terminal GST-fusion protein (62 kDa) using baculovirus expression system. GST-INSR was purified by using glutathione sepharose chromatography.

Assay Platform : Mobility Shift Assay

Substrate : IRS1

ATP (uM)  $K_{m\ app}$  / Bin : 58 / 50

Metal : Mg

Reference compound : Staurosporine

IC<sub>50</sub> at ATP Bin (nM) : 7.2

IC<sub>50</sub> at 1mM ATP (nM) : 100

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