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## ***BUB1 / BUB3***

Product code 05-187

Full-length human BUB1 [1-1085 (end) amino acids of accession number NP\_004327] was co-expressed as N-terminal GST-fusion protein (149 kDa) with DYKDDDDK tagged BUB3 [1-328 (end) amino acids of accession number NP\_004716] using baculovirus expression system. GST-BUB1 was purified by using glutathione sepharose chromatography.

Assay platform : Mobility Shift Assay

Substrate : H2A peptide

ATP ( $\mu\text{M}$ )  $K_{\text{mapp}}$  /  $\text{Bin}$  : 2.9 / 5

Metal : Mg

Reference compound : Staurosporine

IC50 at ATP  $\text{Bin}$  (nM) : 300

IC50 at 1 mM ATP (nM) : n.a.