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Product Information

BUB1/BUB3

Product Number: 05-187

Product description

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.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage and Handling:

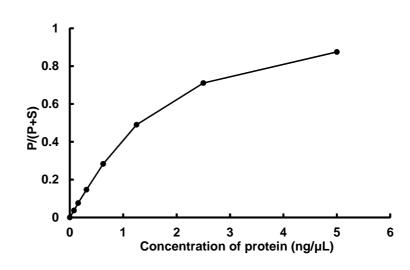
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

WM Warker 150 150 150 150 100 75 50 50 50 50 50 10

Purity: 70 % The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Substrate: H2A peptide
ATP: 100 uM