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Product Information

JNK1(MAPK8)[inactive mutant]

Product Number: 04-163-11

Product description

Human JNK1, catalytic domain [2-364 amino acids and K55M of accession number NP_620634] was expressed as N-terminal GST-fusion protein (69 kDa) using E.coli expression system. GST-JNK1 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

MW Marker JNK1(MAPK8) [inactive mutant] (1 µg)

15 **–**Purity: 98 %

The purity was assessed

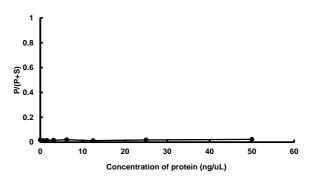
250 •

150 **-**

20

by SDS-PAGE/CBB staining.

Activity data



The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip $^{\text{TM}}$ 3000.

Substrate: Modified Erktide

ATP: $1000 \text{ }_{\text{UN}}$