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# **Product Information**

## PKACα(PRKACA)

Product Number: 01-127

### **Product description**

Full-length human PKAC $\alpha$  [1-351(end) amino acids of accession number NP\_002721.1] was expressed as N-terminal GST-fusion protein (68 kDa) using baculovirus expression system. GST-PKAC $\alpha$  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.

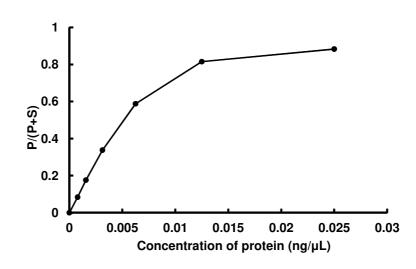
### SDS-PAGE

# MW Marker 100 - 25 - 201 - 25 - 25 - 201 - 25 - 26 - 27 - 27 - 27 - 28 - 27

# Purity: 97 % 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: Kemptide

ATP: 100 ...