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# **Product Information**

# SIK(SNF1LK)

Product Number: 02-131

### **Product description**

Full-length human SIK [1-783(end) amino acids of accession number NP\_775490.2] was expressed as N-terminal GST-fusion protein (112 kDa) using baculovirus expression system. GST-SIK 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.

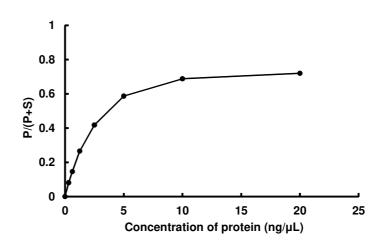
#### **SDS-PAGE**

# (kDa) (kDa) 250 - 150 - 100 - 75 - 100 - 75 - 25 - 20 - 150 - 25 - 20 - 150 - 100

Purity: 58 %
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: AMARA peptide

ATP:  $100 \mu M$