

#### Carna Biosciences, Inc.

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# **Product Information**

## SIK3(QSK)(59-365aa)

Product Number : 02-133

#### **Product description**

Human SIK3, catalytic domain [59-365 amino acids of accession number NP\_001353615.1] was expressed as N-terminal GST-fusion protein (62 kDa) using baculovirus expression system. GST-SIK3 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.

ед MW Marker SIK3(QSK)(59-365aa) (1 µg)

250

150 **—** 

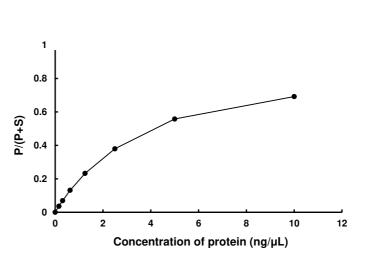
75 **-**

37

25 20 15

SDS-PAGE

#### 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

Purity: 89 % The purity was assessed by SDS-PAGE/CBB staining.