



# Recombinant Rat Serine/threonine-protein kinase Sgk2 (Sgk2)

<b>Product Code</b>	CSB-EP837152RA-B
<b>Abbreviation</b>	Sgk2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8R4U9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASSPVGVPSPQPSRANGNILGPSANPNA RPTDFDFLKVIGKGNYGKVL LAKRKSDGAFYAVKVLQKKSILKNKEQSHI MAERNVLLKNVRHPFLVGLR YSFQTPEKLYFVL DYVNGGELFFHLQREHRFLEPRARFYTAEVASAIGYL HSLNIIYRDLKPENILLDCQGHVVL TDFGLCKECVEPEET TSTFCGTPEY LAPEVLRKEPYDRAVDWWCLGAVLYEMLHG LPPFFNTDVAQMYENILHQP LQIPGGRTVAACDLLQGLLHKDQRQRLGSKEDFLDIKNHMFSPINWDDL YHKRLTPPFNPNVEGPADLKHFDPEFTQEAVSKSIGCTPD TMSSSSGASS AFLGFSYAQD DDDILDS
<b>Source</b>	E.coli
<b>Target Names</b>	Sgk2
<b>Protein Names</b>	Recommended name: Serine/threonine-protein kinase Sgk2 EC= 2.7.11.1 Alternative name(s): Serum/glucocorticoid-regulated kinase 2
<b>Expression Region</b>	1-367
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a serine/threonine protein kinase. Although this gene product is similar to serum- and glucocorticoid-induced protein kinase (SGK), this gene is not induced by serum or glucocorticoids. This gene is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK. Two alternate transcripts encoding two different isoforms have been described.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.