



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

Product Code	CSB-EP837152RA
Abbreviation	Sgk2
Storage	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.
Uniprot No.	Q8R4U9
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MASSPVGVPS PQPSRANGNI NLGPSANPNA RPTDFDFLKV IGKGNYGKVL LAKRKSDGAF YAVKVLQKKS ILKNKEQSHI MAERNVLLKN VRHPFLVGLR YSFQTPEKLY FVLDYVNGGE LFFHLQREHR FLEPRARFYT AEVASAIGYL HSLNIIYRDL KPENILLDCQ GHVVLTDGFL CKECVEPEET TSTFCGTPEY LAPEVLRKEP YDRAVDWWCL GAVLYEMLHG LPPFFNTDVA QMYENILHQP LQIPGGRTVA ACDLLQGLLH KDQRQRLGSK EDFLDIKNHM FFSPINWDDL YHKRLTPPFN PNVEGPADLK HFDPEFTQEA VSKSIGCTPD TMSSSSGASS AFLGFSYAQD DDDILDS
Source	E.coli
Target Names	Sgk2
Protein Names	Recommended name: Serine/threonine-protein kinase Sgk2 EC= 2.7.11.1 Alternative name(s): Serum/glucocorticoid-regulated kinase 2
Expression Region	1-367
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.