



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

<b>Product Code</b>	CSB-MP886408MO
<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>	Q9QZS5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASSPVGVPSPQPSRANGNILGPSANPNA RPTDFDFLKVIGKGNYGKVL LAKRKSDGAFYAVKVLQKKSILKNKEQNHIMAERNVLLKNVRHPFLVGLR YSFQTPEKLYFVLDYVNGGELFFHLQRERRFLEPRARFYTAEVASAIGYL HSLNIIYRDLKPENILLDCQGHVVLTDFGLCKECVEPEETTSTFCGTPEY LAPEVLRKEPYDRAVDWWCLGAVLYEMLHGLPFFNTDVAQMYENILHQP LQIPGGRTVAACDLLQGLLHKDQRQRLGSKEDFLDIKNHMMFFSPINWDDL YHKRLTPPFNPNVEGPADLKHFDPEFTQEAVSKSIGCTPD TVASSSGASS AFLGFSYAQD DDDILDS
<b>Source</b>	Mammalian cell
<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.

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