



Recombinant Chicken Serine/threonine-protein kinase Sgk1 (SGK1)

Product Code	CSB-YP740893CH
Abbreviation	SGK1
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.	Q6U1I9
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	>85% (SDS-PAGE)
Sequence	MTVKAAEASG PALTYSKMRG MVAIIAFMK QRRMGLNDFI QKIATNSYAC KHPEVQSILK ISQPQEPELM NANPSPPPSP SQQINLGPSS NPHAKPSDFH FLKVIGKGSF GKVLLARHKA EEQFYAVKVL QKKAILKKKE EKHIMSERNV LLKNVKHPFL VGLHFSFQTA DKLYFVLDYI NGGELFYHLQ RERCFLEPRA RFYAAEIASA LGYLHSLNIV YRDLKPENIL LDSQGHIVLT DFG LCKENIE HNGTTSTFCG TPEYLAPEVL HKQPYDRTVD WWCLGAVLYE MLYGLPPFYS RNTAEMYDNI LNKPLQLKPN ITNSARHLL E GLLQKDRTRK LGAKEDFTEI KNHIFFSPIN WDDLINKKIT PPFNPNVSGP SDLRHFDFEF TDEPVPNSIG QSPDSILITA SVKEAAEAFL GFSYAPPVDS FL
Source	Yeast
Target Names	SGK1
Protein Names	Recommended name: Serine/threonine-protein kinase Sgk1 EC= 2.7.11.1 Alternative name(s): Serum/glucocorticoid-regulated kinase 1
Expression Region	1-432
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 that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
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.