



Recombinant *Xenopus tropicalis* Serine/threonine-protein kinase Sgk1 (sgk1)

Product Code	CSB-EP685597XBF-B
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.	Q5BKK4
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Purity	>85% (SDS-PAGE)
Sequence	MRTKNEKSPL KAFMKQRRMG LNDFIQKIAT NSSYACKHSE VQSILNISPP QPELLNENS SPPSPSQQI NLGPSSNPHA KPSDFQFLKI IGKGSFGKVL LARHNADEKF YAVKVLQKKA ILKKKEEKHI MSERNVLLKN VKHPFLVGLH FSFQTTSRLY FILDYINGGE LFYHLQRERC FLEPRARFYA AEIASALGYL HSLNIVYRDL KPENILLDSQ GHIILTDGFL CKENIEPNGT TSTFCGTPEY LAPEVLHKQP YDRTVDWWCL GAVLYEMLYG LPPFYSRNTA EMYDNILNKP LQLKPNITNS ARNLLEGLLQ KDRTKRIGAK NDFMEIKNHM FFSPINWDDL INKKITPPFN PNVSGPSDLQ HFDPEFTEEP VPNSIGQSPD SILITASIKE AAEAFMGFSY APPMESYL
Source	E.coli
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	1-418
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
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.