



# Recombinant Serine/threonine-protein kinase sgk-1 (sgk-1)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-MP650826CXY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Abbreviation</b>      | sgk-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q2PJ68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen Species</b> | Caenorhabditis elegans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequence</b>          | MGSMYYNESR MVRKDEVTCN VIIGDDKKT VYALRIGNGP IMQKTFEEYE<br>RFFTTEKDMI PATIFTAPKK KFLQADSKFY EKRRVWILVI SQHLVDNNLR<br>SESVRRFFHL ESPDDDENNV DLGPSEKTA TANDFDYLT IGKGSFGRVY<br>QVRHKETKKI YAMKILSKEH IRKKNEVKHV MAERNVLINN FKHPFLVSLH<br>FSFQNKELLY FVL DHLNGGE LFSHLQREKH FSESRSFYA AEIACALGYL<br>HEKNIIYRDL KPENLLDDK GYLVLTD FGL CKEDMQGSKT TSTFCGTPEY<br>LAPEIILKKP YDKTVDWWCL GSVLYEMIFG LPPFYSKDHN EMYDKIINQP<br>LRLKHNISVP CSELITGLLQ KDRSKRLGHR NDFRDIRDHP FFLPVDWDKL<br>LNRELKAPFI PKVKNAMDT S NISKEFVEIQ IDPSSLAPQQ LAVTHRDHDF<br>ENFTFVDTNR VLV |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Names</b>      | sgk-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Names</b>     | Recommended name: Serine/threonine-protein kinase sgk-1 EC= 2.7.11.1<br>Alternative name(s): Serum- and glucocorticoid-inducible kinase homolog<br>Serum/glucocorticoid-regulated kinase 1                                                                                                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b> | 1-463                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>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.                                                                                                                                            |
| <b>Shelf Life</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.