

Catalog No.: RP03358LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human	23678	O96BR1

N-GST

SGK3; CISK; SGKL; Serum/glucocorticoid-regulated kinase 3; Serine/threonine-protein kinase Sgk3

Source	Purification
Baculovirus-Insect Cells	≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

83.6 kDa 70-85 kDa

< 1 EU/μg of the protein by LAL method.

Supplied as a 0.22 µm filtered solution in 50 mM Tris-HCl, 150 mM NaCl, 5% glycerol. (pH 7.5). Contact us for customized product form or formulation.

Please use running water to thaw it quickly.

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Serine/threonine-protein kinase Sgk3 (SGK3) is a member of the serine/threonine protein kinase family. The protein phosphorylates several target proteins and has a role in neutral amino acid transport and activation of potassium and chloride channels. And SGK3 has been shown to interact with GSK3B.

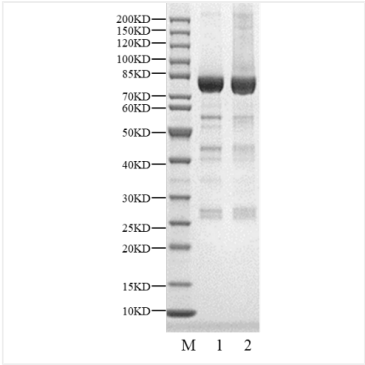
Recombinant Human SGK3/SGKL Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Gln2-Leu496) of Human SGK3 (Accession #Q96BR1) fused with a N-GST tag.

The activity of SGK3 is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

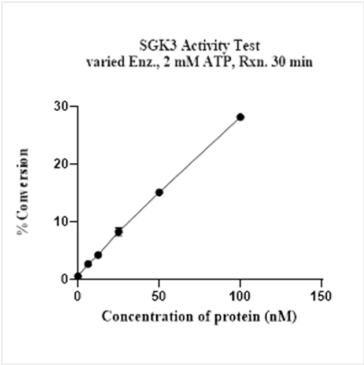
Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10 µL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

Validation Data



Recombinant Human SGK3/SGKL Kinase was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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