

Recombinant Human SGK3/SGKL Kinase

Catalog No.: RP03358LQ

Sequence Information

Species	Gene ID
Human	23678
Swiss Prot	Tags
Q96BR1	N-GST

Synonyms

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

Product Information

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

Calculated MW	Observed MW
83.6 kDa	70-85 kDa

Endotoxin

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

Formulation

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.

Reconstitution

Please use running water to thaw
it quickly.

Background

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.

Basic Information

Description

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.

Activity

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.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

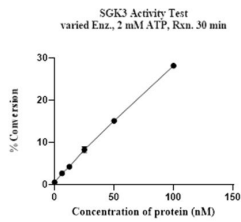
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

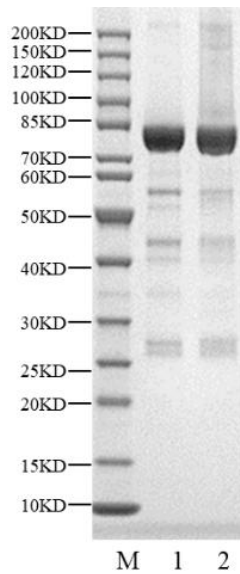
Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

Validation Data



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.



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