

Recombinant Human SGK3/SGKL Kinase

Catalog No.: RP03358LQ Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 23678 Q96BR1

Tags N-GST

Synonyms

SGK3; CISK; SGKL; Serum/glucocorticoidregulated kinase 3; Serine/threonineprotein kinase Sgk3

Product Information

Source Purification

Baculovirus-Insect ≥ 90 % as

Cells determined by SDSPAGE;≥ 90 % as
determined by

Calculated MW Observed MW

HPLC.

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.

Contact

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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.

Bio-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

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70° C. This product is stable at $\leq -70^{\circ}$ 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.

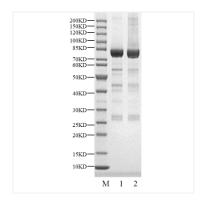
Avoid repeated freeze/thaw cycles.

Operational Notes

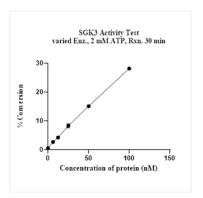
For your safety and health, please wear a lab coat and disposable gloves for handling.

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Validation Data



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



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