

Recombinant Human SGK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SGK3-1873H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

SGK3 MS Standard C13 and N15-labeled recombinant protein (NP_037389) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene is a member of the Ser/Thr protein kinase family and encodes a phosphoprotein with a PX (phox homology) domain. The protein phosphorylates several target proteins and has a role in neutral amino acid transport and activation of potassium and chloride channels. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Molecular Mass

57.1 kDa

AA Sequence

MQRDHTMDYKESCPSVSIPSSDEHREKKKRFTVYKVLVSVGRSEWFVFRRYAEFD
 KLYNTLKKQFPAMALKIPAKRIFGDNFDPDFIKQRRAGLNEFIQNLVRYPELYNHPDV
 RAFLQMDSPKHQSDPSEDEDERSSQKLHSTSQNINLGPSGNPHAKPTDFDFLKVIG
 KGSFGKVLLAKRKLKGKGYAVKVLQKKIVLNRKEQKHIMAERNVLLKNVKHPFLVGL
 HYSFQTTEKLYFVLDFVNGGELFFHLQRERSFPEHRARFYAAEIASALGYLHSIKIVY
 RDLKPENILLDSVGHVVLTDGFLCKEGIAISDTTTTFCGTPEYLAPEVIRKQPYDNTVD
 WWCLGAVLYEMLYGLPPFYCRDVAEMYDNILHKPLSLRPGVSLTAWSSILEELLEKDR
 QNRLGAKEDFLEIQNHPPFESLSWADLVQKKIPPPFNPVAGPDDIRNFDTAFTEET

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VPYSVVCVSSDYSIVNASVLEADDAFVGFSYAPPSEDLFLTRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SGK3 serum/glucocorticoid regulated kinase family member 3 [Homo sapiens (human)]

Official Symbol SGK3

Synonyms SGK3; serum/glucocorticoid regulated kinase family, member 3; serum/glucocorticoid regulated kinase like, SGK2, SGKL; serine/threonine-protein kinase Sgk3; cytokine-independent survival kinase; CISK; SGK2; SGKL; DKFZp781N0293;

Gene ID 23678

mRNA Refseq NM_013257

Protein Refseq NP_037389

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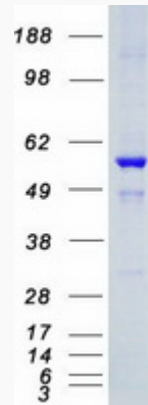
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MIM 607591

UniProt ID Q96BR1

SDS-PAGE



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