

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 KLYNTLKKQFPAMALKIPAKRIFGDNFDPDFIKQRRAGLNEFIQNLVRYPELYNHDPDV RAFLQMDSPKHQSDPSEDEDERSSQKLHSTSQNINLGPSGNPHAKPTDFDFLKVIG KGSFGKVLLAKRKLKGKGYAVKVLQKKIVLNRKEQKHIMAERNVLLKNVKHPFLVGL HYSFQTTEKLYFVLDFVNGGELFFHLQRRERSFPEHRARFYAAEIASALGYLHSIKIVY RDLKPENILLDSVGHVVLTDGFLCKEGIAISDTTTCGTPEYLAPEVIRKQPYDNTVD WWCLGAVLYEMLYGLPPFYCRDVAEMYDNILHKPLSLRPGVSLTAWSSILEELLEKDR QNRLGAKEDFLEIQNHPPFESLSWADLVQKKIPPPFNPVAGPDDIRNFDTAFTEET

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	VPYSVCVSSDYSIVNASVLEADDAFVGFSYAPPSDDLFLTRTRPLEQKLISEEDLAAN 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, SGK1; serine/threonine-protein kinase Sgk3; cytokine-independent survival kinase; CISK; SGK2; SGK1; DKFZp781N0293;
Gene ID	23678
mRNA Refseq	NM_013257
Protein Refseq	NP_037389

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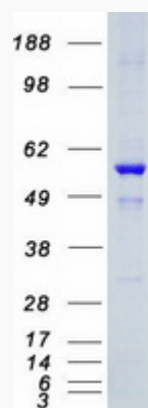
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MIM 607591

UniProt ID Q96BR1

SDS-PAGE



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