

Recombinant Human SGK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SGK2-2612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SGK2 MS Standard C13 and N15-labeled recombinant protein (NP_733794) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a serine/threonine protein kinase. Although this gene product is similar to serum- and glucocorticoid-induced protein kinase (SGK), this gene is not induced by serum or glucocorticoids. This gene is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK. Alternative splicing results in multiple transcript variants.
Molecular Mass	41.2 kDa
AA Sequence	MNSSPAGTPSPQPSRANGNINLGPSANPNAQPTDFDLKVGKGNYGKVLLAKRKS DGAFYAVKVLQKKSILKKKEQSHIMAERSVLLKNVRHPFLVGLRYSFQTPEKLYFVLD YVNGGELFFHLQRERRFLEPRARFYAAEVASAIGYLHSLNIIYRDLKPENILLDCQGH VVLTDFGLCKEGVEPEDTTSTFCGTPEYLAPEVLRKEPYDRAVDWWCLGAVLYEML HGLPPFYSDVVSQMYENILHQPLQIPGGRTVAACDLLQSLHKKDQRQRLGSKADFL EIKNHVFFSPINWDDLYHKRLTPPFNPNTGPADLKHFDPEFTQEAVSKSIGCTPDTV ASSSGASSAFLGFSYAPEDDDILDCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	SGK2 serum/glucocorticoid regulated kinase 2 [Homo sapiens (human)]
Official Symbol	SGK2
Synonyms	SGK2; serum/glucocorticoid regulated kinase 2; serine/threonine-protein kinase Sgk2; H-SGK2; dJ138B7.2;
Gene ID	10110
mRNA Refseq	NM_170693
Protein Refseq	NP_733794
MIM	607589
UniProt ID	Q9HBY8

SDS-PAGE

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