

Recombinant Human SGK3

Cat. No. SGK3-27968TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human inactive SGK3 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system; amino acids 1-496, 82kDa.
Species	Human
ProteinLength	1-496 a.a.
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.
Tissue specificity	Expressed in most tissues with highest levels in pancreas, kidney liver, heart and brain and lower levels in lung, placenta and skeletal muscle.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence Similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain. Contains 1 PX (phox homology) domain.
Full Length	Full L.
GENE INFORMATION	
Gene Name	SGK3 serum/glucocorticoid regulated kinase family, member 3 [Homo sapiens]
Official Symbol	SGK3
Synonyms	SGK3; serum/glucocorticoid regulated kinase family, member 3; serum/glucocorticoid regulated kinase like , SGK2, SGKL; serine/threonine-protein kinase Sgk3;
Gene ID	23678
mRNA Refseq	NM_001033578
Protein Refseq	NP_001028750
MIM	607591
Uniprot ID	Q96BR1
Chromosome Location	8q12
Pathway	Insulin Signaling, organism-specific biosystem;

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