

## Active Recombinant Human SGK1, GST-tagged

Cat. No. SGK1-577H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SGK1 (Accession # NM_005627) amino acids 60 - 431, fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	60-431 a.a.
<b>Form</b>	Supplied in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, 25% glycerol.
<b>Bio-activity</b>	The specific activity of SGK1 was determined to be 102 nmol/min/mg using a synthetic peptide substrate (RPRAATF)
<b>Molecular Mass</b>	In SDS-PAGE migrates as 73 kDa.
<b>Purity</b>	The purity was determined to be >90% by densitometry
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	SGK1 serum/glucocorticoid regulated kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	SGK1
<b>Synonyms</b>	SGK1; serum/glucocorticoid regulated kinase 1; serum/glucocorticoid regulated kinase , SGK; serine/threonine-protein kinase Sgk1; serine/threonine protein kinase SGK; serum/glucocorticoid-regulated kinase 1; SGK;
<b>Gene ID</b>	6446
<b>mRNA Refseq</b>	NM_001143676
<b>Protein Refseq</b>	NP_001137148
<b>MIM</b>	602958
<b>UniProt ID</b>	O00141
<b>Chromosome Location</b>	6q23

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