

Active Recombinant Human SGK1, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Sf9 Cells
ProteinLength	60-431 a.a.
Form	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.
Bio-activity	The specific activity of SGK1 was determined to be 102 nmol/min/mg using a synthetic peptide substrate (RPRAATF)
Molecular Mass	In SDS-PAGE migrates as 73 kDa.
Purity	The purity was determined to be >90% by densitometry
Storage	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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Gene Name	SGK1 serum/glucocorticoid regulated kinase 1 [Homo sapiens]
Official Symbol	SGK1
Synonyms	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;
Gene ID	6446
mRNA Refseq	NM_001143676
Protein Refseq	NP_001137148
MIM	602958
UniProt ID	O00141
Chromosome Location	6q23

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