

Recombinant Human SGK1 (N-GST tag)

Cat No:HR2R1949

For research use only

Overview

Quantity	10 ?g
Gene Symbol	SGK1
Gene ID	N/A
Accession	NM_005627
Alternative Name	SGK
Species	Human
Source	Insect cells
Description	<p>SGK1 is a member of the serum- and glucocorticoid-induced protein kinase that is activated in vitro by 3-phosphoinositide-dependent protein kinase-1 (PDK1) and in vivo in response to signals that activate phosphatidylinositol (PI) 3-kinase .SGK1 mRNA is expressed in all tissues and the level of SGK1 mRNA is increased by stimulation with serum or dexamethasone. SGK1 promotes cell survival by phosphorylating and inactivating FKHL1 . SGK and Akt display differences with respect to the efficacy with which they phosphorylate the three regulatory sites on FKHL1.</p>
Functions	The specific activity of SGK1 was determined to be 102 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	73
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.