

## Recombinant Human SOK1 (N-GST tag)

Cat No:HR2R1961

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	SOK1
Gene ID	N/A
Accession	NM_006374
Alternative Name	STK25, YSK1, DKFZp686J1430
Species	Human
Source	Insect cells
Description	SOK1 or oxidant stress-response kinase-1 is a serine/threonine kinase that is activated by autophosphorylation and by reactive oxygen intermediates, but is not activated by growth factors, alkylating agents, cytokines, or environmental stresses . SOK1 is expressed ubiquitously with highest expression in brain and testis. SOK1 regulates cell death after chemical anoxia, as its down-regulation by RNA interference enhances cell survival. SOK1 entry into the nucleus is important for the cell death response since SOK1 mutants unable to enter the nucleus do not induce cell death .
Functions	The specific activity of SOK1 was determined to be 11 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	76
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.