

Recombinant Human SLK (N-GST tag)

Cat No:HR2R1957

For research use only

Overview

Quantity	10 ?g
Gene Symbol	SLK
Gene ID	N/A
Accession	AB002804
Alternative Name	LOSK, STK2, se20-9, KIAA0204, MGC133067, bA16H23.1
Species	Human
Source	Insect cells
Description	<p>SLK or LOSK is a Ste20-like protein kinase that associates with microtubule and centrosome. Inhibition of SLK activity by dominant-negative mutant or RNAi leads to unfocused microtubule arrangement indicating that SLK is needed for microtubule organization and for the proper localization of Golgi complex . Expression of v-Src can down-regulate SLK activity through the involvement of CK2 which can directly phosphorylate and inhibit SLK activity whereas inhibition of CK2 in v-Src-transformed cells results in normal SLK activity . CK2 and SLK can be co-localized in fibroblasts spreading on fibronectin-coated substrates.</p>
Functions	The specific activity of SLK was determined to be 4.6 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	180
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.