

SLK Protein, Human (Sf9, GST)

Cat. No.:	HY-P701633
Synonyms:	SLK; STE20-like serine/threonine-protein kinase; STE20-like kinase; hSLK; CTCL tumor antigen se20-9; STE20-related serine/threonine-protein kinase; STE20-related kinase; Serine/threonine-protein kinase 2
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9H2G2 (M1-T1152)
Gene ID:	9748
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μ m filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	SLK Protein emerges as a mediator with dual functionality, implicated in both apoptosis and the dissolution of actin stress fibers. Its role in apoptosis suggests a potential influence on programmed cell death pathways, while its involvement in actin stress fiber dissolution underscores its significance in regulating the cytoskeletal dynamics of cells. The specific molecular mechanisms through which SLK orchestrates these processes remain to be fully elucidated, prompting further investigation into its functional significance in cellular events. The dual role proposed for SLK in apoptosis and actin stress fiber dissolution highlights its versatility in influencing critical cellular processes, warranting in-depth studies to unravel the precise molecular pathways through which SLK exerts its effects and its broader implications in cellular regulation.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA