

SLK recombinant protein

SLK, Active

CATALOG # AAA73948	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SLK; Active; LOSK; STK2; se20-9; KIAA0204; MGC133067; bA16H23.1; SLK recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for SLK recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for SLK recombinant protein	Recombinant full-length human SLK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is AB002804. 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 (1). 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 (2). CK2 and SLK can be co-localized in fibroblasts spreading on fibronectin-coated substrates.
Product Categories/Family for SLK recombinant protein	Protein Kinases ; Cancer ; Cell Cycle ; Ser/Thr Kinases
References	1. Burakov A V, et al: LOSK (SLK) protein kinase activity is necessary for microtubule organization in the interphase cell centrosome. Dokl Biol Sci. 2005;403:317-9 2. Chaar Z, et al: v-Src-dependent down-regulation of the Ste20-like kinase SLK by casein kinase II. J Biol Chem. 2006 Sep 22;281(38):28193-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1944184
NCBI GeneID	9748
Molecular Weight	180.0 kDa
NCBI Official Full Name	Homo sapiens mRNA for hSLK, complete cds
NCBI Official Synonym Full Names	STE20 like kinase
NCBI Official Symbol	SLK
NCBI Official Synonym Symbols	LOSK; STK2; se20-9; bA16H23.1
NCBI Protein Information	STE20-like serine/threonine-protein kinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slk-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73948>