Recombinant Human STK10 cell lysate

Cat. No. STK10-1711HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like kinase kinases. The protein can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. The kinase can also negatively regulate interleukin 2 expression in T-cells via the mitogen activated protein kinase kinase 1 pathway.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	STK10 serine/threonine kinase 10 [Homo sapiens]
Official Symbol	STK10
Synonyms	STK10; serine/threonine kinase 10; serine/threonine-protein kinase 10; LOK; PRO2729; lymphocyte-oriented kinase;

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Gene ID	6793
mRNA Refseq	NM_005990
Protein Refseq	NP_005981
MIM	603919
UniProt ID	O94804
Chromosome Location	5q35.1
Function	ATP binding; nucleotide binding; polo kinase kinase activity; protein binding; protein homodimerization activity; protein serine/threonine kinase activity;

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