Recombinant Human STK10 Protein (M1-S348), Tag Free

Cat. No. STK10-1120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOK(M1-S348) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-S348
Description	Serine/threonine-protein kinase involved in regulation of lymphocyte migration. Phosphorylates MSN, and possibly PLK1. Involved in regulation of lymphocyte migration by mediating phosphorylation of ERM proteins such as MSN. Acts as a negative regulator of MAP3K1/MEKK1. May also act as a cell cycle regulator by acting as a polo kinase kinase: mediates phosphorylation of PLK1 in vitro; however such data require additional evidences in vivo.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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	protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	STK10 serine/threonine kinase 10 [Homo sapiens (human)]
Official Symbol	STK10
Synonyms	STK10; serine/threonine kinase 10; serine/threonine-protein kinase 10; LOK; PRO2729; lymphocyte-oriented kinase;
Gene ID	6793
mRNA Refseq	NM_005990
Protein Refseq	NP_005981
MIM	603919
UniProt ID	O94804

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