

## Recombinant Human STK11 protein, GST/His-tagged

Cat. No. STK11-240H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STK11 fused with N-terminal GST and C-terminal His was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene, which encodes a member of the serine/threonine kinase family, regulates cell polarity and functions as a tumor suppressor. Mutations in this gene have been associated with Peutz-Jeghers syndrome, an autosomal dominant disorder characterized by the growth of polyps in the gastrointestinal tract, pigmented macules on the skin and mouth, and other neoplasms. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
<b>Molecular Mass</b>	74.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** STK11 serine/threonine kinase 11 [ Homo sapiens ]

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<b>Official Symbol</b>	STK11
<b>Synonyms</b>	STK11; serine/threonine kinase 11; serine/threonine kinase 11 (Peutz Jeghers syndrome); serine/threonine-protein kinase STK11; LKB1; PJS; polarization related protein LKB1; liver kinase B1; polarization-related protein LKB1; renal carcinoma antigen NY-REN-19; serine/threonine-protein kinase 11; serine/threonine-protein kinase LKB1; hLKB1;
<b>Gene ID</b>	6794
<b>mRNA Refseq</b>	NM_000455
<b>Protein Refseq</b>	NP_000446
<b>MIM</b>	602216
<b>UniProt ID</b>	Q15831

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