

Active Recombinant Full Length Human STK11 Protein, GST-tagged

Cat. No. STK11-4048HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human LKB1 [1-433(end) amino acids of accession number NP_000446.1], MO25α [1- 341(end) amino acids of accession number NP_057373.1] and STRADα [1-431(end) amino acids of accession number NP_001003787.1] were co-expressed as N-terminal GST-fusion protein (75 kDa) using baculovirus expression system. GST-LKB1 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-433
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was determined by ELISA. The enzyme was incubated with biotinylated substrate protein/peptide, and after stopping kinase reaction by EDTA, the reaction solution was transferred into streptavidin-coated plate. Phosphorylation was detected by anti- phospho antibody and HRP-labeled anti-rabbit IgG.
Purity	97%
Applications	SDS-PAGE

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name serine/threonine kinase 11

Official Symbol STK11

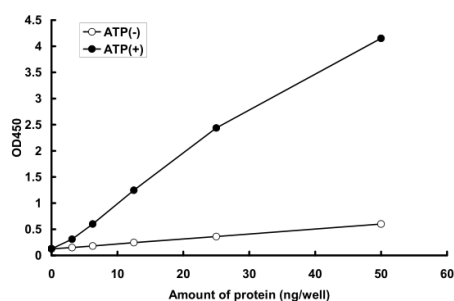
Synonyms STK11;LKB1;PJS;hLKB1

Protein Refseq [NP_000446.1](#)

UniProt ID [Q15831](#)

Activity data

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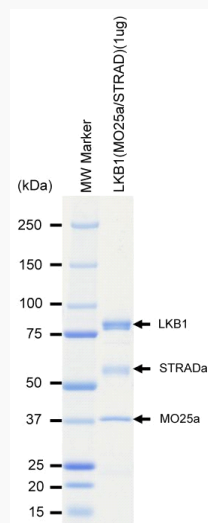
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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