

## Product datasheet for TP761326

## LKB1 (STK11) (NM\_000455) Human Recombinant Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human serine/threonine kinase 11 (STK11), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length STK11
Tag:	N-GST and C-His
Predicted MW:	74.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Storage: Stability:	Store at -80°C. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
•	Stable for 12 months from the date of receipt of the product under proper storage and
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Stability: RefSeq:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_000446</u>
Stability: RefSeq: Locus ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 000446</u> 6794
Stability: RefSeq: Locus ID: UniProt ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 000446</u> 6794 <u>Q15831, A0A0S2Z4D1</u>
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 000446</u> 6794 <u>Q15831, A0A0S2Z4D1</u> 3286
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size: Cytogenetics:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP 000446</u> 6794 <u>Q15831, A0A0S2Z4D1</u> 3286 19p13.3

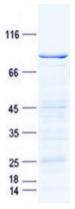


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## OriGene Technologies, Inc.

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	LKB1 (STK11) (NM_000455) Human Recombinant Protein – TP761326
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways	: Adipocytokine signaling pathway, mTOR signaling pathway
Product image	es:



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