

PE-01BHW90-P

LKBSubtide Peptide Powder

15-mer kinase substrate peptide for assaying LKB1 (STK11)



KINEXUS

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Target Protein

Name Long:	Serine/threonine-protein kinase 11
Name Alias:	AMPKK; KPM; PJS; Renal carcinoma antigen NY-REN-19; STK11; NY-REN-19 antigen; ENSG00000118046
UniProt ID:	Q15831

Peptide Structure

Peptide Name:	LKBSubtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	KKGEFLQTFCGIPAC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1713.0
Observed Peptide Mass:	1710.7
% Peptide Purity:	90.9
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP01CAR-24
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Serine/threonine-protein kinase 11 (UniProt ID Q15831).
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This product is for in vitro research use only and is not intended for use in humans or animals.

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