

PE-01BJI85-P

S6KBSubtide Peptide Powder

12-mer kinase substrate peptide for assaying p70S6KB (RPS6KB2)



KINEXUS

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Target Protein

Name Long:	Ribosomal protein S6 kinase beta-2; Ribosomal protein S6 kinase 2
Name Alias:	14 beta; KLS; KS6B2; p70-beta; p70-beta-1; p70-beta-2; RPS6KB2; S6 kinase-related kinase; S6K2; S6K-beta 2; SRK; STK14B; SRK; ENSG00000175634
UniProt ID:	Q9UBS0

Peptide Structure

Peptide Name:	S6KBSubtide
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:	RRRRKSFRRFGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1695.0
Observed Peptide Mass:	1693.4
% Peptide Purity:	83.6
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:	KMP01CAS-29
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 Ribosomal protein S6 kinase beta-2; Ribosomal protein S6 kinase 2 (UniProt ID Q9UBS0).
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This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)