

# PE-01BIF95-P

## PKASubtide Peptide Powder

10-mer kinase substrate peptide for assaying PKACb (PRKACB)



# KINEXUS

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	cAMP-dependent protein kinase catalytic subunit beta
<b>Name Alias:</b>	KAPB; KAPB1; KAPCB; PKA C-beta; PKA-beta
<b>UniProt ID:</b>	P22694

### Peptide Structure

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

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1230.5
<b>Observed Peptide Mass:</b>	1227.8
<b>% Peptide Purity:</b>	96.3
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP01CAR-33
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20 °C
<b>Storage Stability:</b>	Over 1 year at -20 °C

### Applications

<b>Product Use:</b>	For assaying the phosphotransferase activity of cAMP-dependent protein kinase catalytic subunit beta (UniProt ID P22694).
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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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