

# PE-01BCB95-P

## AMPKa1 (321-335) Peptide Powder

15-mer immunogen peptide based on AMPKa1 (PRKAA1)



# KINEXUS

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### Target Protein

<b>Name Long:</b>	5'-AMP-activated protein kinase catalytic subunit alpha-1
<b>Name Alias:</b>	5'-AMP-activated protein kinase, catalytic alpha-1 chain; AAPK1; Acetyl-CoA carboxylase kinase; AMPK alpha-1 chain; AMPK, alpha, 1; AMPK-alpha1; HMG-CoA reductase kinase; HMG-CoA reductase kinase; PRKAA1; Protein kinase, AMP-activated, alpha 1 catalytic subunit; MGC33776; MGC57364; CCDS3932.1; ENSG00000132356
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q13131

### Peptide Structure

<b>Peptide Name:</b>	AMPKa1 (321-335)
<b>Peptide Origin:</b>	After catalytic domain in region not conserved with AMPKa2
<b>Peptide Sequence Location:</b>	C321-Y335
<b>Peptide Sequence:</b>	CLYNRNHQDPLAVAY
<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>	1776.0
<b>Observed Peptide Mass:</b>	1775.9
<b>% Peptide Purity:</b>	94.8
<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>	KMP01CAT-03
<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>	Serves as a blocking peptide for use with the AMPKa1-AKCD rabbit polyclonal antibody (Cat. No.: NK259-1) that is also available from Kinexus.
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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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