

PE-01BCC70-P

AMPKa1 (1-17) Peptide Powder

19-mer immunogen peptide based on AMPKa1 (PRKAA1)



KINEXUS

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Target Protein

Name Long:	5'-AMP-activated protein kinase catalytic subunit alpha-1
Name Alias:	5'-AMP-activated protein kinase, catalytic alpha-1 chain; AAMPK1; 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
Species Origin:	Human
UniProt ID:	Q13131

Peptide Structure

Peptide Name:	AMPKa1 (1-17)
Peptide Origin:	N-terminus (not present in AMPKa2)
Peptide Sequence Location:	M1-K17
Peptide Sequence:	MRRLSSWRKMATAEKQKGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2266.7
Observed Peptide Mass:	2267.4
% Peptide Purity:	71.5
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:	KMP01CAT-04
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the AMPKa1-NT rabbit polyclonal antibody (Cat. No.: NK259-2) 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.

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