

PE-01BCD99-P

AMPKa2 (349-365) Peptide Powder

18-mer immunogen peptide based on AMPKa2 (PRKAA2)



KINEXUS

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Target Protein

Name Long:	5'-AMP-activated protein kinase catalytic subunit alpha-2
Name Alias:	AAPK2; AMPK alpha-2 chain; Kinase AMPK-alpha2; AMPK2; PRKAA; PRKAA2 ENSG00000162409
Species Origin:	Human
UniProt ID:	P54646

Peptide Structure

Peptide Name:	AMPKa2 (349-365)
Peptide Origin:	After catalytic domain in region not conserved with AMPKa1
Peptide Sequence Location:	G349-P365
Peptide Sequence:	CGSFMDDSAMHIPGLKP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1902.2
Observed Peptide Mass:	1900.4
% Peptide Purity:	100
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-05
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 AMPKa2-AKCD rabbit polyclonal antibody (Cat. No.: NK260-1) 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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