

PE-01BGI95-P

AMPSubtide Peptide Powder

13-mer kinase substrate peptide for assaying AMPKα2 (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
UniProt ID:	P54646

Peptide Structure

Peptide Name:	AMPSubtide
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:	KKLRRRSFRNLGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1705.3
Observed Peptide Mass:	1703.3
% Peptide Purity:	93.6
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:	KMP01CAQ-06
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 5'-AMP-activated protein kinase catalytic subunit alpha-2 (UniProt ID P54646).
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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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