

PE-01BCE60-P

AMPKa2 (302-320) Peptide Powder

19-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 (302-320)
Peptide Origin:	After catalytic domain in region not conserved with AMPKa1
Peptide Sequence Location:	C302-L320
Peptide Sequence:	CTESEVMNSLYSGDPQDQL
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2115.2
Observed Peptide Mass:	2113.8*
% Peptide Purity:	59.0
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-06
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.: NK260-2) 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)