

PE-04AOU99-P

PKCa (192-198) pY195 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on PKCa (PRKCA)



KINEXUS

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Target Protein

Name Long:	Protein-serine kinase C alpha
Name Alias:	AAG6; Kinase PKC-alpha; KPCA; PKC III; PKC-A; PKC-alpha; PKC-III; PRKACA; Protein kinase C, alpha; Protein kinase C, alpha type; MGC129900; MGC129901; CCDS11664.1; P17252; ENSG00000154229
Species Origin:	Human
UniProt ID:	P17252

Peptide Structure

Peptide Name:	PKCa (192-198) pY195
Peptide Origin:	In the C2 domain. This is the major in vivo site of phosphorylation of PKCa.
Peptide Sequence Location:	S192-L198
Peptide Sequence:	SDP(pY)VKL(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1074.1
Observed Peptide Mass:	1073.4
% 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:	KMP04CAX-84
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 PKCa-pY195 rabbit polyclonal antibody (Cat. No.: PK764) that is also available from Kinexus. This phosphopeptide may also be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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