

PE-04APA99-P

PKD1 (202-208) pS205 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on PKC μ (PRKCM, PRKD1, PKD1)



KINEXUS

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Target Protein

Name Long:	Protein-serine kinase C mu (Protein kinase D)
Name Alias:	Kinase PKD1; KPCD1; NPKC-mu; PKCM; PKC-mu; PKD; PRKCM; PRKD1; Protein kinase D1; Protein kinase C, mu type; Protein kinase D; ENSG00000184304
Species Origin:	Human
UniProt ID:	Q15139

Peptide Structure

Peptide Name:	PKD1 (202-208) pS205
Peptide Origin:	In the region between the two C1_1 domains in the N-terminal quarter of the protein kinase.
Peptide Sequence Location:	R202-S208
Peptide Sequence:	RRL(pS)NVS(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:	1084.2
Observed Peptide Mass:	1085.8
% Peptide Purity:	100
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 μ l DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP04CAX-90
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 PKC μ -pS205 rabbit polyclonal antibody (Cat. No.: PK770) 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.

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