

PE-04AOW95-P

PKCd (331-337) pY334 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on PKCd (PRKCD)



KINEXUS

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Target Protein

Name Long:	Protein-serine kinase C delta
Name Alias:	Kinase PKC-delta; KPCD; MAY1; MGC49908; nPKC-delta; PKC-delta; PRKCD; Protein kinase C, delta; CCDS2870.1; ENSG00000163932
Species Origin:	Human
UniProt ID:	Q05655

Peptide Structure

Peptide Name:	PKCd (331-337) pY334
Peptide Origin:	In the region between the C1_1 and kinase catalytic domain. This is the major in vivo phosphorylation sites in PKCd.
Peptide Sequence Location:	S331-I337
Peptide Sequence:	SGT(pY)GKI(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:	978.0
Observed Peptide Mass:	978.6
% Peptide Purity:	95.28
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-86
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 PKCd-pY334 rabbit polyclonal antibody (Cat. No.: PK769) 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)