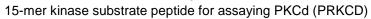
# PE-01AKC95-P KinSub2RRGSF Peptide Powder





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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
UniProt ID:	Q05655

## Peptide Structure

Peptide Name:	KinSub2RRGSF
Peptide Origin:	KinSub2RRGSF was originally identified using a microarray with peptides that were predicted as optimal substrates for 500 human protein kinases with a proprietary algorithm developed at Kinexus with our academic partners.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	GGLGRRGSFCNGGHY
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

### Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1536.7
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

## **Applications**

assayed with over 200 other protein kinases. A listing of other kinases that show	Product Use:	For assaying the phosphotransferase activity of Protein-serine kinase C delta (PKCd, UniProt ID Q05655). The KinSub2RRGSF peptide demonstrated high phosphotransferase activity with PKCg, and exhibited low specificity when assayed with over 200 other protein kinases. A listing of other kinases that show appreciable phosphotransferase activity towards this peptide are listed in Table
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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 <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)