

PE-01BEV99-P

PKG1 (326-344) Peptide Powder

20-mer immunogen peptide based on PKG1 (PRKG1)



KINEXUS

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Target Protein

Name Long:	cGMP-dependent protein kinase 1
Name Alias:	cGK 1 alpha; cGKI-alpha; cGKI-beta; cGMP-dependent protein kinase 1, alpha isozyme; DKFZp686K042; FLJ36117; KGP1A; Kinase PKG1; PGK; PKG; PKG1-alpha; Protein kinase, cGMP-dependent, type I
Species Origin:	Human
UniProt ID:	Q13976

Peptide Structure

Peptide Name:	PKG1 (326-344)
Peptide Origin:	Just before kinase catalytic domain
Peptide Sequence Location:	G326-K344
Peptide Sequence:	CGGLDDVSNKAYEDAEAKAK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2083.2
Observed Peptide Mass:	2082.0
% 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:	KMP01CAT-74
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 PKG1-BKCD rabbit polyclonal antibody (Cat. No.: NK202-2) 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.

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