

PE-01BEX70-P

PKG2 (422-440) Peptide Powder

20-mer immunogen peptide based on PKG2 (PRKG2)



KINEXUS

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Target Protein

Name Long:	cGMP-dependent protein kinase 2
Name Alias:	cGK 2; cGKII; KGP2; Kinase cGMP-dependent protein kinase 2PKG2; PRKG2; PRKGR2; Protein kinase, cGMP-dependent, type II; Type II cGMP-dependent protein kinase
Species Origin:	Human
UniProt ID:	Q13237

Peptide Structure

Peptide Name:	PKG2 (422-440)
Peptide Origin:	Just before kinase catalytic domain
Peptide Sequence Location:	S422-K440
Peptide Sequence:	CSNWKLSKALSLEMIQLKEK
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2348.8
Observed Peptide Mass:	2349.6
% Peptide Purity:	69.6
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-76
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 PKG2-BKCD rabbit polyclonal antibody (Cat. No.: NK290-2) 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.

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