

# PE-01BEW90-P

## PKG2 (397-415) Peptide Powder

20-mer immunogen peptide based on PKG2 (PRKG2)



# KINEXUS

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### Target Protein

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

### Peptide Structure

<b>Peptide Name:</b>	PKG2 (397-415)
<b>Peptide Origin:</b>	Post-cNMP2
<b>Peptide Sequence Location:</b>	L397-R415
<b>Peptide Sequence:</b>	LQKYLEGYVANLNRDDEKRC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	2426.7
<b>Observed Peptide Mass:</b>	2427.0
<b>% Peptide Purity:</b>	91.3
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP01CAT-75
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	Serves as a blocking peptide for use with the PKG2-AcNMP2 rabbit polyclonal antibody (Cat. No.: NK290-1) 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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