

PE-01BCJ90-P

CaMK2g (376-394) Peptide Powder

20-mer immunogen peptide based on CaMK2g



KINEXUS

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Target Protein

Name Long:	Calcium/calmodulin-dependent protein-serine kinase 2 gamma
Name Alias:	Calcium/calmodulin-dependent protein kinase II gamma; CaM kinase II gamma subunit; CaMK2-gamma; CAMKG; CaMK-II gamma; CaMK-II gamma subunit; CaM-kinase II gamma; CaM-kinase II gamma chain; EC 2.7.11.17; Kinase CaMK2-gamma
Species Origin:	Human
UniProt ID:	Q13555

Peptide Structure

Peptide Name:	CaMK2g (376-394)
Peptide Origin:	Before CaMAD, highly conserved in all CaMK2 isoforms
Peptide Sequence Location:	D376-L394
Peptide Sequence:	CDGIKGSTESSNTTTEDEL
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2101.0
Observed Peptide Mass:	2103.7
% Peptide Purity:	89.3
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-11
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 CaMK2g-PAD rabbit polyclonal antibody (Cat. No.: NK020-1) 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.

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