

PE-01BCH85-P

CAMK2b (449-467) Peptide Powder

20-mer immunogen peptide based on CaMK2b



KINEXUS

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Target Protein

Name Long:	Calcium/calmodulin-dependent protein-serine kinase 2 beta
Name Alias:	Calcium/calmodulin-dependent protein kinase II beta; Calcium/calmodulin-dependent protein kinase type II beta chain; CaM kinase II beta subunit; CAM2; CAMK2; CaMK2-beta; CAMKB; CaMK-II beta; CaMK-II beta subunit; Proline rich calmodulin-dependent protein kinase; CaM-kinase II beta chain; KCC2B; Kinase CaMK2-beta; MGC29528; CCDS5483.1; ENSG00000058404
Species Origin:	Human
UniProt ID:	Q13554

Peptide Structure

Peptide Name:	CAMK2b (449-467)
Peptide Origin:	Before CaMAD, repeated 3X
Peptide Sequence Location:	R449-E467
Peptide Sequence:	RISDILNSVRRGSGTPEAEC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2159.4
Observed Peptide Mass:	2157.2
% Peptide Purity:	88.0
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-09
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 CaMK2b-PAD rabbit polyclonal antibody (Cat. No.: NK018-3) 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)