

# PE-01BCI85-P

## CAMK2d (7-26) Peptide Powder

20-mer immunogen peptide based on CaMK2d



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Calcium/calmodulin-dependent protein-serine kinase 2 delta
<b>Name Alias:</b>	Calcium/calmodulin-dependent protein kinase II delta; Calcium/calmodulin-dependent protein kinase type II delta chain; CaM kinase II delta; CaMK2-delta; CAMKD; CaMK-II delta; CaM-kinase II delta; KCC2D; KCCD; MGC44911; CCDS3703.1; ENSG00000145349
<b>Species Origin:</b>	Human
<b>UniProt ID:</b>	Q13557

### Peptide Structure

<b>Peptide Name:</b>	CAMK2d (7-26)
<b>Peptide Origin:</b>	N-terminus and kinase domain I, highly conserved in all CaMK2 isoforms
<b>Peptide Sequence Location:</b>	C7-S26
<b>Peptide Sequence:</b>	CTRFTDEYQLFEELGKGAFS
<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>	2340.5
<b>Observed Peptide Mass:</b>	2338.7
<b>% Peptide Purity:</b>	87.1
<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-10
<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 CaMK2d-NT rabbit polyclonal antibody (Cat. No.: NK019-3) 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.

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