

PE-01BGM99-P

CAMK1Subtide Peptide Powder

13-mer kinase substrate peptide for assaying CaMK1a (CaMKI)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Calcium/calmodulin-dependent protein-serine kinase 1 alpha
Name Alias:	Calcium/calmodulin-dependent protein kinase I; Calcium/calmodulin-dependent protein kinase type I; CAM kinase I; CAMK1; CaMK1-alpha; CaMKI; KCC1; KCC1A; Kinase CaMK1-alpha
UniProt ID:	Q14012

Peptide Structure

Peptide Name:	CAMK1Subtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	GLRRRKSERNLGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1616.1
Observed Peptide Mass:	1613.8
% Peptide Purity:	100
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:	KMP01CAQ-10
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of Calcium/calmodulin-dependent protein-serine kinase 1 alpha (UniProt ID Q14012).
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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)