

PE-01BGV95-P

CK2Selectide Peptide Powder

15-mer kinase substrate peptide for assaying CK2a1 (CSNK2A1)



KINEXUS

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Target Protein

Name Long:	Casein protein-serine kinase 2 alpha/ alpha prime
Name Alias:	Casein kinase 2, alpha 1 polypeptide; Casein kinase II, alpha chain; CK II; CK2-alpha1; CKIIA; CSK21; CSNK2A1; Kinase CK2-alpha1;
UniProt ID:	P68400

Peptide Structure

Peptide Name:	CK2Selectide
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:	KKGEIEDSDDEEEGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1752.9
Observed Peptide Mass:	1751.8
% Peptide Purity:	94.9
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-19
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 Casein protein-serine kinase 2 alpha/ alpha prime (UniProt ID P68400).
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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)