

PE-04AXK75-P

CK2pSelectide Peptide Powder

15-mer kinase substrate peptide for assaying CK2a2 (CSNK2A2)



KINEXUS

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Target Protein

Name Long:	Casein protein-serine kinase 2 alpha/ alpha prime
UniProt ID:	P19784

Peptide Structure

Peptide Name:	CK2pSelectide
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:	KKGEIEDSDD(pS)EEGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1790.6
Observed Peptide Mass:	1791.0
% Peptide Purity:	74.2
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:	KSP04CBV
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 P19784).
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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)