

PE-01ALT95-P

KinSub1RADDSD Peptide Powder

12-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:	KinSub1RADDSD
Peptide Origin:	Based on CK2A substrate consensus sequence
Peptide Sequence Location:	Not applicable
Peptide Sequence:	RRRADDSDDDDD
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1449.4
% Peptide Purity:	> 95
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:	C08-58
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 (CK2A, UniProt ID P68400). Used to assay CK2A.
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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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