

PE-04ASI90-P

CDK10 (193-207) pT196+pT201+pY204 Peptide Powder

15-mer immunogen and phosphatase substrate phosphopeptide based on CDK10 (PISSLRE)



KINEXUS

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Target Protein

Name Long:	Cyclin-dependent protein-serine kinase 10 [PISSLRE]
Name Alias:	PISSLRE; ENSG00000185324
Species Origin:	Human
UniProt ID:	Q15131

Peptide Structure

Peptide Name:	CDK10 (193-207) pT196+pT201+pY204
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	K193-P207
Peptide Sequence:	KPM(pT)PKVV(pT)LW(pY)RAP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2200.3
Observed Peptide Mass:	2199
% Peptide Purity:	92.4
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:	KLP04CAA-23
Amount:	1 mg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 1 year at -20 °C

Applications

Product Use:	This phosphopeptide may be useful as a substrate for screening the phosphatase activity of protein phosphatases.
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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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