

PE-04ABR90-P

CDK10 (201-207) pY204 Peptide Powder

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



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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 (201-207) pY204
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	T201-P207
Peptide Sequence:	TLWpYRAP(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1201.3
Observed Peptide Mass:	1200.5
% Peptide Purity:	89
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:	KMP04CAN-29
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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