

PE-04ABA99-P

CDK6 (176-182) pT182 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on CDK6



KINEXUS

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Target Protein

Name Long:	Cyclin-dependent protein-serine kinase 6
Name Alias:	CRK2; Cyclin-dependent kinase 6; Kinase Cdk6; PLSTIRE; Serine/threonine protein kinase PLSTIRE; MGC59692; CCDS5628.1; ENSG00000105810
Species Origin:	Human
UniProt ID:	Q00534

Peptide Structure

Peptide Name:	CDK6 (176-182) pT182
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	L176-T182
Peptide Sequence:	LTSVVV(pT)(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:	1013.1
Observed Peptide Mass:	1012.1
% Peptide Purity:	> 98
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-12
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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