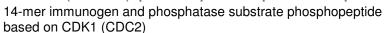
PE-04ASD90-P

CDK1 (10-23) pT14+pY15+pY19 Peptide Powder



Address: 8755 Ash Street, Suite 1 Vancouver, British Columbia, Canada V6P 6T3

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Target Protein

Name Long:	Cyclin-dependent protein-serine kinase 1; Cell division control protein 2 homologue
Name Alias:	Cdc2; CDC28; CDC28A; CDC2A; Cell division control protein 2; Cell division cycle 2, G1 to S and G2 to M; Cyclin-dependent kinase 1; P34 protein kinase; Kinase Cdc2; MPF; DKFZp686L20222; MGC111195; ENSG00000170312
Species Origin:	Human
UniProt ID:	P06493

Peptide Structure

Peptide Name:	CDK1 (10-23) pT14+pY15+pY19
Peptide Origin:	In the protein kinase catalytic domain in subdomain I.
Peptide Sequence Location:	I10-H23
Peptide Sequence:	IGEG(pT)(pY)GVV(pY)KGRH
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1990.89
Observed Peptide Mass:	1989.7
% Peptide Purity:	88
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:	KLP04CAG-15
Amount:	1 mg
Storage Conditions:	Frozen at -20 ℃
Storage Stability:	Over 1 year at -20 ℃

Applications

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

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)