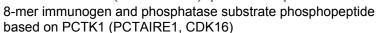
PE-04AWU99-P

PCTAIRE1 (323-330) pT324+pY327 Peptide Powder



KINEXUS

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

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Target Protein

Name Long:	Cell division protein kinase 16; Protein-serine kinase PCTAIRE-1
Name Alias:	CDK16; FLJ16665; KPT1; PCTAIRE; PCTAIRE protein kinase 1; PCTAIRE-motif protein kinase 1; PCTGAIRE; PCTK1; Serine/threonine-protein kinase PCTAIRE1; ENSG00000102225
Species Origin:	Human
UniProt ID:	Q00536

Peptide Structure

Peptide Name:	PCTAIRE1 (323-330) pT324+pY327
Peptide Origin:	In protein kinase catalytic domain activation T-loop between subdomains VII and VIII.
Peptide Sequence Location:	V323-P330
Peptide Sequence:	V(pT)LW(pY)RPP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1406.4
Observed Peptide Mass:	1405.1
% 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:	KLP04CAE-10
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.
	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 <u>www.kinexusproducts.ca</u> or contact us at 1-866-KINASES (546-2737)