

# PE-01BIZ95-P

## PLK3Subtide Peptide Powder

16-mer kinase substrate peptide for assaying Plk3 (CNK)



# KINEXUS

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

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Polo-like protein-serine kinase 3 (cytokine- inducible kinase (CNK))
<b>Name Alias:</b>	CNK; Cytokine-inducible serine/threonine-protein kinase; FGF-inducible kinase; FNK; Kinase PLK3; PLK-3; Polo-like kinase 3; PRK; Proliferation-related kinase; RP11-269F19_6; CCDS515.1; ENSG00000173846
<b>UniProt ID:</b>	Q9H4B4

### Peptide Structure

<b>Peptide Name:</b>	PLK3Subtide
<b>Peptide Origin:</b>	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
<b>Peptide Sequence Location:</b>	Not applicable
<b>Peptide Sequence:</b>	KKGFEEFSPDEDLLGC
<b>Peptide N-Terminus:</b>	Free amino
<b>Peptide C-Terminus:</b>	Amide
<b>Peptide Modifications Other:</b>	None

### Production

<b>Peptide Production Method:</b>	Solid-phase peptide synthesis
<b>Calculated Peptide Mass:</b>	1884.1
<b>Observed Peptide Mass:</b>	1883.7
<b>% Peptide Purity:</b>	>95
<b>Peptide Appearance:</b>	White powder
<b>Peptide Form:</b>	Solid
<b>Peptide Solubility:</b>	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
<b>Lot Number:</b>	KMP01CAS-20
<b>Amount:</b>	1 mg
<b>Storage Conditions:</b>	Frozen at -20°C
<b>Storage Stability:</b>	Over 1 year at -20°C

### Applications

<b>Product Use:</b>	For assaying the phosphotransferase activity of Polo-like protein-serine kinase 3 (cytokine- inducible kinase (CNK)) (UniProt ID Q9H4B4).
---------------------	---

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](http://www.kinexusproducts.ca) or contact us at 1-866-KINASES (546-2737)