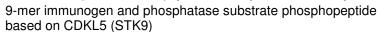
# PE-04ASU01-P

## CDKL5 (172-180) pT174+pY177 Peptide Powder



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### **Target Protein**

Name Long:	Cyclin-dependent kinase-like 5; Serine-threonine-protein kinase 9
Name Alias:	Cyclin-dependent kinase-like 5; Kinase CdkL5; STK9
Species Origin:	Human
UniProt ID:	O76039

#### Peptide Structure

Peptide Name:	CDKL5 (172-180) pT174+pY177
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	V172-P180
Peptide Sequence:	VA(pT)RW(pY)RSP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

#### Production

Peptide Production Method:	Solid-phase peptide synthesis
% Peptide Purity:	Spot
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 $\mu$ l DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	KMP04CAH-29
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
1104401 0001	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)