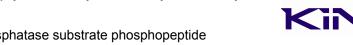
PE-04AXC75-P PRPF4B (844-858) pT847+pY849+pS852+pY855

Peptide Powder





15-mer immunogen and phosphatase substrate phosphopeptide based on PRP4K (PRP4, PRPF4B)

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

Email: info@kinexus.ca Phone: 604-323-2547

Target Protein	
Name Long:	Protein-serine kinase PRP4 homologue
Name Alias:	CBP143; KIAA0536; Kinase PRP4; PR4H; Pre-mRNA protein kinase; PRPF4B; PRP4 homolog; PRP4 kinase; PRPK; PR4H; KIAA0536; dJ1013A10_1; PRP4H; PRP4K; ENSG00000112739
Species Origin:	Human
UniProt ID:	Q13523

Peptide Structure

Peptide Name:	PRPF4B (844-858) pT847+pY849+pS852+pY855
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	N844-P858
Peptide Sequence:	NDI(pT)P(pY)LV(pS)RF(pY)RAP
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production	
Peptide Production Met	hod: Solid-phase peptide synthesis
Calculated Peptide Mas	s: 2347.2
Observed Peptide Mass	: 2343.6
% Peptide Purity:	77
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:	KLP04CAF-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.

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)