

PE-04AXC75-P

PRPF4B (844-858) pT847+pY849+pS852+pY855

Peptide Powder

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



KINEXUS

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Target Protein

Name Long:	Protein-serine kinase PRP4 homologue
Name Alias:	CBP143; KIAA0536; Kinase PRP4; PR4H; Pre-mRNA protein kinase; PRPF4B; PRP4 homologue; 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 Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	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.
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This product is for in vitro research use only and is not intended for use in humans or animals.

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