

PE-04AMU99-P

ILK (339-346) pS343 Peptide Powder

8-mer immunogen and phosphatase substrate phosphopeptide based on ILK1



KINEXUS

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Target Protein

Name Long:	Integrin-linked protein-serine kinase-1
Name Alias:	59 kDa serine/threonine protein kinase; ILK1; ILK-1; Integrin-linked kinase; Kinase ILK; P59ILK; ILK2; DKFZp686F1765; P59; CCDS7768.1; ENSG00000166333
Species Origin:	Human
UniProt ID:	Q13418

Peptide Structure

Peptide Name:	ILK (339-346) pS343
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	D339-C346
Peptide Sequence:	DVKF(pS)FQC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1123.2
Observed Peptide Mass:	1124.8
% Peptide Purity:	100
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:	KMP04CAX-33
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	Serves as a blocking peptide for use with the ILK1-pS343 rabbit polyclonal antibody (Cat. No.: PK661) that is also available from Kinexus. This phosphopeptide may also 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.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINASES (546-2737)