

PE-04AVD70-P

ILK (340-354) pS343+pY351 Peptide Powder

15-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 (340-354) pS343+pY351
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	V340-A354
Peptide Sequence:	VKF(pS)FQCPGRM(pY)APA
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2077.3
Observed Peptide Mass:	2076.2
% Peptide Purity:	68
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:	KLP04CAC-12
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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