

PE-04AVE01-S

ILK (340-346) pS343 Peptide Solution

7-mer immunogen and phosphatase substrate phosphopeptide based on ILK1



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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 (340-346) pS343
Peptide Origin:	In the protein kinase catalytic domain activation T loop region between subdomains VII and VIII.
Peptide Sequence Location:	V340-C346
Peptide Sequence:	VKF(pS)FQC
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:	Clear liquid
Peptide Form:	Solution
Peptide Solubility:	Supplied at 1 mg/ml concentration in 5% DMSO in water
Lot Number:	KMP04CAH-75
Amount:	250 µg
Storage Conditions:	Frozen at -20 °C
Storage Stability:	Over 6 months at -20 °C and 1 mg/ml concentration

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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