

PE-04APG99-P

SIK3 (408-414) pT411 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on SIK3 (QSK)



KINEXUS

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Target Protein

Name Long:	Salt-inducible serine/threonine-protein kinase SIK3
Name Alias:	FLJ12240; KIAA0999; L19; Salt-inducible kinase 3; Serine/threonine-protein kinase QSK; SIK family kinase 3; SIK3; SIK-3; L19; KIAA0999; ENSG00000160584
Species Origin:	Human
UniProt ID:	Q9Y2K2

Peptide Structure

Peptide Name:	SIK3 (408-414) pT411
Peptide Origin:	In the first third of the protein. This is one of the two major in vivo sites for phosphorylation of SIK3.
Peptide Sequence Location:	R408-V414
Peptide Sequence:	RRH(pT)VGV(bA)C
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	Phosphorylated; Includes beta-alanine-cysteine at C-terminus for coupling to KLH or thio-agarose

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1077.2
Observed Peptide Mass:	1076.9
% 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-96
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 SIK3-pT411 rabbit polyclonal antibody (Cat. No.: PK815) 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)