

PE-04ALJ99-P

WNK1 (57-63) pT60 Peptide Powder

9-mer immunogen and phosphatase substrate phosphopeptide based on WNK1



KINEXUS

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Target Protein

Name Long:	Serine/threonine-protein kinase WNK1
Name Alias:	HSAN2; HSN2; KDP; KIAA0344; MGC163339; MGC163341; p65; PRKWNK1; Protein kinase with no lysine 1; Protein kinase, lysine-deficient 1; PSK; PHA2C; CCDS8506.1; ENSG00000060237
Species Origin:	Human
UniProt ID:	Q9H4A3

Peptide Structure

Peptide Name:	WNK1 (57-63) pT60
Peptide Origin:	In the N-terminal portion of the protein kinase
Peptide Sequence Location:	R57-K63
Peptide Sequence:	RRH(pT)MDK(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:	1197.3
Observed Peptide Mass:	1196.1
% Peptide Purity:	97.94
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:	KMP04CAW-104
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 WNK1-pT60 rabbit polyclonal antibody (Cat. No.: PK856) 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)