

PE-01BIP75-P

PDKSubtide Peptide Powder

18-mer kinase substrate peptide for assaying PDK1 (PDPK1)



KINEXUS

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Target Protein

Name Long:	3-phosphoinositide-dependent protein-serine kinase 1
Name Alias:	3-phosphoinositide dependent protein kinase-1; HPDK1; Kinase PDPK1; MGC20087; MGC35290; MPDK1; PDPK1; PkB kinase; PkB-like; PkB-like 2; Protein kinase B kinase
UniProt ID:	O15530

Peptide Structure

Peptide Name:	PDKSubtide
Peptide Origin:	Developed by Kinexus based on alignment of known substrates and Kinexus Kinase Substrate Predictor v2.0 algorithm.
Peptide Sequence Location:	Not applicable
Peptide Sequence:	KKHGATTHTFCGTPEYGC
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Amide
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	2008.2
Observed Peptide Mass:	2008.1
% Peptide Purity:	77
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:	KMP01CAS-10
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of 3-phosphoinositide-dependent protein-serine kinase 1 (UniProt ID O15530).
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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)